

ccna exam questions and answers pdf

ccna exam questions and answers pdf resources are essential tools for candidates preparing for the Cisco Certified Network Associate (CCNA) certification. The CCNA exam evaluates fundamental networking knowledge and skills, and practicing with authentic questions and answers can significantly enhance exam readiness. Access to a well-structured ccna exam questions and answers pdf enables learners to familiarize themselves with the exam format, question types, and important topics. This article provides a comprehensive overview of the best practices for using CCNA exam question PDFs, including how to find reliable resources, key topics covered, and strategies for effective study. Additionally, it discusses the benefits of using downloadable PDFs and how they complement other study materials in achieving certification success.

- Understanding the Importance of CCNA Exam Questions and Answers PDF
- Key Topics Covered in the CCNA Exam
- How to Use a CCNA Exam Questions and Answers PDF Effectively
- Where to Find Reliable CCNA Exam Questions and Answers PDFs
- Benefits of Using PDF Resources for CCNA Preparation
- Tips for Mastering the CCNA Exam with Practice Questions

Understanding the Importance of CCNA Exam Questions and Answers PDF

A CCNA exam questions and answers pdf serves as a valuable study aid for candidates preparing for Cisco's networking certification exam. These PDFs typically contain a collection of practice questions that simulate the actual exam environment, enabling learners to test their knowledge and identify areas that require improvement. Using such resources helps reduce exam anxiety by familiarizing candidates with the structure and difficulty level of the exam questions. Furthermore, these PDFs often come with detailed explanations that clarify concepts and reinforce learning, making them indispensable for thorough exam preparation.

Role in Exam Preparation

Practice questions in a CCNA exam questions and answers pdf allow candidates to apply theoretical knowledge practically. This active learning approach enhances retention and boosts confidence. Additionally, reviewing answers with explanations helps in understanding the rationale behind correct responses, which is critical for mastering networking concepts.

Types of Questions Included

Most CCNA question PDFs include multiple-choice questions, drag-and-drop, simulation labs, and scenario-based queries. This variety ensures comprehensive coverage of exam formats and helps candidates adapt to different question types they might encounter.

Key Topics Covered in the CCNA Exam

The CCNA exam encompasses a broad range of networking topics that are essential for entry-level network professionals. A thorough study of these topics is necessary to pass the exam successfully. The ccna exam questions and answers pdf generally reflect this comprehensive scope, enabling candidates to prepare effectively.

Network Fundamentals

This section covers basic networking concepts such as OSI and TCP/IP models, IPv4 and IPv6 addressing, subnetting, and network protocols. Mastery of these fundamentals is vital as they form the foundation for more advanced topics.

Routing and Switching

Routing protocols (like OSPF and EIGRP), VLANs, inter-VLAN routing, and switch configuration are core subjects. Understanding these concepts is critical for network design and troubleshooting.

Network Security

Security topics include access control lists (ACLs), VPNs, firewall concepts, and basic device hardening techniques. These are essential for protecting network infrastructure.

Automation and Programmability

With the evolving networking landscape, knowledge of automation tools, APIs, and controller-based networking is increasingly important and featured in the exam.

How to Use a CCNA Exam Questions and Answers PDF Effectively

Merely reading through a ccna exam questions and answers pdf is not sufficient. Proper usage strategies can maximize learning outcomes and improve exam performance.

Create a Study Schedule

Develop a consistent study plan that allocates time for reviewing questions, studying explanations, and revisiting challenging areas. This structured approach helps maintain focus and track progress.

Simulate Exam Conditions

Attempting practice questions under timed conditions simulates the actual exam environment. This practice enhances time management skills and helps reduce test-day stress.

Analyze Mistakes Thoroughly

Review incorrect answers carefully to understand mistakes. Analyze underlying concepts and revisit related study materials to strengthen weak points.

Use PDFs Alongside Other Resources

Incorporate ccna exam questions and answers pdf as part of a holistic study plan that includes video tutorials, textbooks, lab exercises, and online courses for a comprehensive learning experience.

Where to Find Reliable CCNA Exam Questions and Answers PDFs

Finding trustworthy and up-to-date ccna exam questions and answers pdf files is crucial. Authentic materials ensure that candidates prepare with relevant and accurate content that reflects the current exam blueprint.

Official Cisco Resources

Cisco offers official study guides and practice exams that align with the latest CCNA exam version. These resources are considered the most reliable for exam preparation.

Reputed Training Providers

Many established training organizations publish high-quality PDFs with practice questions and detailed answers. These materials are often developed by certified instructors and industry experts.

Community Forums and Study Groups

Online forums and networking communities sometimes share useful PDFs and study notes. However, it is important to verify the credibility and exam relevance of these resources before use.

Key Characteristics of Reliable PDFs

1. Updated content matching the latest exam syllabus
2. Detailed answer explanations
3. Variety of question types
4. Positive reviews or recommendations from certified professionals

Benefits of Using PDF Resources for CCNA Preparation

PDFs offer several advantages that support effective CCNA exam preparation. Their portability, ease of access, and structured format make them a preferred choice among candidates.

Convenience and Accessibility

PDFs can be downloaded and accessed offline on multiple devices, allowing study anytime and anywhere without internet dependency.

Organized Content Layout

Most PDFs are well-organized with clear sections, indexes, and highlighted key points, facilitating quick navigation and targeted revision.

Printable Format

Candidates can print PDFs for annotation and note-taking, which helps reinforce learning through active engagement.

Cost-Effectiveness

Many valuable CCNA exam questions and answers PDFs are available at low cost or free, providing budget-friendly preparation options.

Tips for Mastering the CCNA Exam with Practice Questions

Integrating practice questions into the study routine is essential for CCNA exam success. The following tips can help candidates maximize the benefits of practice question PDFs.

Focus on Understanding, Not Memorizing

Conceptual understanding should take precedence over rote memorization. Use explanations in the PDF to grasp underlying principles and network behavior.

Repeat Practice Regularly

Consistent practice helps reinforce knowledge and improves recall. Revisit difficult questions multiple times to build confidence.

Simulate Full-Length Exams

Periodically take full-length practice exams to assess readiness and identify any remaining gaps before the actual test.

Stay Updated with Exam Changes

CCNA exam content evolves over time. Ensure the practice PDFs reflect the current exam blueprint to avoid studying outdated material.

Combine Theory and Hands-On Labs

Complement question practice with practical lab work to develop real-world networking skills and deepen comprehension of theoretical concepts.

Frequently Asked Questions

Where can I find a reliable CCNA exam questions and answers PDF?

You can find reliable CCNA exam questions and answers PDFs on Cisco's official website, authorized training partners, or reputable educational platforms like Udemy and Cisco Networking Academy.

Are CCNA exam questions and answers PDFs updated regularly?

Yes, since the CCNA exam content changes periodically to reflect new technologies and industry standards, it's important to use the latest exam questions and answers PDFs that correspond to the current exam version.

Is it legal to use CCNA exam questions and answers PDFs for exam preparation?

Using official or authorized study materials is legal and encouraged, but downloading or distributing copyrighted exam questions without permission is illegal and violates Cisco's policies.

How effective are CCNA exam questions and answers PDFs for passing the exam?

CCNA exam questions and answers PDFs can be helpful study aids to understand question formats and key concepts, but hands-on practice and comprehensive study are essential for passing the exam.

What topics are typically covered in CCNA exam questions and answers PDFs?

Typical topics include network fundamentals, IP connectivity, IP services, security fundamentals, automation and programmability, and network access protocols.

Can I find CCNA exam questions and answers PDFs for free online?

While some free PDFs are available online, their quality and accuracy may vary. It is recommended to use official or paid resources to ensure reliable and up-to-date information.

How can I use a CCNA exam questions and answers PDF effectively in my study plan?

Use the PDF to familiarize yourself with exam question types, identify weak areas, and supplement your learning with hands-on labs, video tutorials, and official Cisco study

guides.

Additional Resources

1. *CCNA Certification Study Guide: Exam 200-301*

This comprehensive guide covers all the topics required for the CCNA 200-301 exam. It includes detailed explanations of networking concepts, practical scenarios, and plenty of practice questions with answers. The book is designed to help candidates build a solid foundation and pass the exam with confidence.

2. *CCNA 200-301 Exam Cram*

Exam Cram is a concise yet thorough resource that focuses on exam essentials and high-yield topics. It provides clear summaries, real-world examples, and numerous practice questions with detailed answers. This book is ideal for last-minute review and reinforcing critical concepts.

3. *CCNA 200-301 Official Cert Guide Library*

Written by industry experts, this official guide library offers in-depth coverage of all exam objectives. It includes extensive practice questions, detailed answers, and hands-on labs to enhance understanding. The book is perfect for those looking to master both theory and practical skills.

4. *31 Days Before Your CCNA Exam*

This book presents a day-by-day review plan with practice questions and answers to help candidates prepare efficiently in the final month before the exam. Each day focuses on specific topics, reinforcing knowledge and building test-taking confidence. It's a practical tool for structured exam preparation.

5. *CCNA Routing and Switching Complete Study Guide*

Covering all CCNA routing and switching topics, this study guide offers comprehensive explanations and real-world examples. It features numerous practice questions with answers and detailed rationales to help understand the concepts deeply. The book is suitable for both beginners and those refreshing their knowledge.

6. *CCNA 200-301 Portable Command Guide*

This compact guide is perfect for quick reference and memorization of essential Cisco commands. It includes explanations and examples for each command, along with practice questions to test command-line proficiency. Ideal for hands-on learners preparing for the practical aspects of the exam.

7. *CCNA Practice Questions Exam Cram*

Focused exclusively on practice questions and answers, this book offers hundreds of exam-style questions covering all CCNA topics. Each question is accompanied by detailed explanations to clarify correct and incorrect options. It's an excellent resource for self-assessment and reinforcing knowledge.

8. *CCNA Exam Questions and Answers by Cisco Networking Academy*

This guide compiles questions and answers used in Cisco Networking Academy courses, aligned with the CCNA exam objectives. It offers practical scenarios and detailed answer explanations to aid comprehension. The book is designed to complement official training

materials.

9. *CCNA 200-301 Exam Practice Questions and Dumps*

This book provides a collection of updated practice questions and answers that reflect the current CCNA exam pattern. It includes detailed explanations and tips to tackle tricky questions effectively. Suitable for candidates seeking extensive practice to boost their exam readiness.

Ccna Exam Questions And Answers Pdf

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CCNA Exam Questions and Answers PDF

Ace the CCNA Exam with Confidence: Your Shortcut to Cisco Certification Success!

Are you tired of endless study sessions with little progress? Frustrated with confusing textbooks and unreliable practice materials? Facing the daunting CCNA exam feeling overwhelmed and unprepared? You're not alone. Thousands of aspiring network engineers struggle to navigate the complexities of the CCNA certification, wasting valuable time and money on ineffective study methods. Passing the CCNA is crucial for advancing your IT career, but the exam's breadth and depth can feel insurmountable.

This comprehensive eBook, "CCNA Exam Success: Your Ultimate Guide to Passing the CCNA Exam," provides the targeted preparation you need to conquer the CCNA exam and launch your networking career.

What you will learn in this ebook:

Introduction: Understanding the CCNA exam, its format, and effective study strategies.

Chapter 1: Networking Fundamentals: Mastering fundamental networking concepts like IP addressing, subnetting, routing protocols, and network topologies.

Chapter 2: LAN Switching Technologies: A deep dive into VLANs, Spanning Tree Protocol (STP), EtherChannel, and other crucial switching technologies.

Chapter 3: IP Routing Protocols: Comprehensive coverage of RIP, EIGRP, and OSPF, including configuration and troubleshooting.

Chapter 4: WAN Technologies: Understanding WAN technologies like Frame Relay, MPLS, and VPNs.

Chapter 5: Network Security Fundamentals: Essential concepts in network security, including access

control lists (ACLs) and basic security protocols.

Chapter 6: Troubleshooting and Problem Solving: Developing practical troubleshooting skills to diagnose and resolve common networking issues.

Chapter 7: Practice Exams and Answers: Multiple practice exams mirroring the actual CCNA exam format, complete with detailed explanations for each answer.

Conclusion: Final tips for exam success and next steps in your networking career.

CCNA Exam Success: Your Ultimate Guide to Passing the CCNA Exam

Introduction: Conquer the CCNA Challenge

The Cisco Certified Network Associate (CCNA) certification is a globally recognized credential, signifying a strong foundation in networking technologies. However, the exam is notoriously challenging, requiring a comprehensive understanding of various networking concepts and protocols. This introduction sets the stage for your successful journey to CCNA certification. We'll cover exam format, key topics, and effective study strategies to maximize your chances of success.

Understanding the Exam Format: The CCNA exam is a performance-based assessment, testing your practical skills and theoretical knowledge. Familiarize yourself with the exam's structure, including the number of questions, time limit, and question types (multiple-choice, simulations). Knowing what to expect reduces anxiety and improves your focus during the exam.

Key Topics Covered: The CCNA curriculum is extensive. This eBook systematically addresses core topics like networking fundamentals (IP addressing, subnetting), LAN switching technologies (VLANs, STP), IP routing protocols (RIP, EIGRP, OSPF), WAN technologies (Frame Relay, MPLS), and network security basics (ACLs). Understanding the weighting of each topic allows you to allocate your study time effectively.

Effective Study Strategies: Cramming is ineffective for a comprehensive exam like the CCNA. Implement a structured study plan, incorporating regular practice sessions, and utilizing various learning resources. Active recall techniques, such as flashcards and practice questions, are crucial for reinforcing your understanding. Join online communities and forums to interact with fellow candidates and share knowledge. Consistency and persistence are key to success.

Chapter 1: Mastering Networking Fundamentals - The Foundation of Success

This chapter lays the groundwork for your CCNA journey. We'll delve into fundamental networking concepts, essential for understanding more advanced topics.

IP Addressing and Subnetting: This section covers IP address classes, subnet masks, CIDR notation, and the art of subnetting. We'll explore various subnetting techniques and provide practical exercises to solidify your understanding. Mastering IP addressing is crucial for network segmentation, routing, and efficient resource allocation.

Network Topologies: Understanding different network topologies – bus, star, ring, mesh, tree, and hybrid – is essential for designing efficient and reliable networks. We'll explore the advantages and disadvantages of each topology and how they impact network performance.

Routing Protocols (Basic Overview): We'll introduce the concept of routing and different routing protocols, laying the foundation for a deeper dive in later chapters. This includes an overview of distance-vector protocols (like RIP) and link-state protocols (like OSPF). We'll focus on their basic functionalities and differences.

Network Devices: A solid understanding of common networking devices like routers, switches, and hubs is crucial. We will examine their functionalities, how they operate within a network, and their roles in data transmission.

Chapter 2: LAN Switching Technologies - Building Efficient Local Area Networks

This chapter focuses on the intricacies of LAN switching, a critical component of modern networks.

VLANs (Virtual LANs): We'll dissect VLANs, explaining how they segment a network logically, improving security and performance. You'll learn how to configure VLANs, assign ports to VLANs, and understand their practical applications in network design.

Spanning Tree Protocol (STP): STP is essential for preventing bridging loops and ensuring network stability. We'll cover the different STP versions (like RSTP and MSTP) and their functionalities in avoiding network loops. You'll learn how to configure and troubleshoot STP within a network environment.

EtherChannel (Port-Channel): This section covers EtherChannel, a technology that aggregates multiple physical links into a single logical link, increasing bandwidth and redundancy. You'll learn how to configure EtherChannel and understand its benefits in enhancing network performance and resilience.

Chapter 3: IP Routing Protocols - The Backbone of Network Connectivity

This chapter is a cornerstone of the CCNA exam. A firm grasp of routing protocols is essential for efficient and scalable networks.

RIP (Routing Information Protocol): We'll examine RIP, a distance-vector routing protocol, its limitations, and its configuration. Understanding RIP's hop count limitations is crucial for designing smaller networks.

EIGRP (Enhanced Interior Gateway Routing Protocol): This section will cover EIGRP, a Cisco proprietary protocol known for its speed and efficiency. You'll learn about EIGRP's features like fast convergence and its use in larger networks. We'll cover the configuration and troubleshooting of EIGRP.

OSPF (Open Shortest Path First): OSPF is a link-state routing protocol widely used in large and complex networks. We'll explain its operation, configuration, and troubleshooting, focusing on its advantages over distance-vector protocols.

Chapter 4: WAN Technologies - Connecting Networks Across Geographies

This chapter explores the technologies that connect networks across wide geographical areas.

Frame Relay: This section covers Frame Relay, a WAN technology that uses switched virtual circuits to connect remote sites. We'll explain its configuration and troubleshooting.

MPLS (Multiprotocol Label Switching): MPLS is a powerful technology used for efficient routing and traffic engineering in WAN environments. We'll examine its operation and its role in network optimization.

VPNs (Virtual Private Networks): This section covers VPNs, crucial for securing communication over public networks. We'll explain different VPN types and their applications in securing sensitive data transmission.

Chapter 5: Network Security Fundamentals - Protecting Your Network

This chapter introduces essential security concepts for protecting your network infrastructure.

Access Control Lists (ACLs): ACLs are crucial for controlling network access. We'll cover how to configure and implement ACLs to filter traffic based on source and destination addresses, ports, and protocols.

Basic Security Protocols: This section covers essential security protocols, such as SSH (Secure Shell) for secure remote access and HTTPS (Hypertext Transfer Protocol Secure) for securing web traffic.

Chapter 6: Troubleshooting and Problem Solving - Developing Practical Skills

Effective troubleshooting is a critical skill for any network engineer. This chapter equips you with strategies and techniques for resolving common networking issues.

Systematic Troubleshooting Methodology: We'll introduce a systematic approach to troubleshooting, including gathering information, identifying the problem, developing hypotheses, testing solutions, and documenting the resolution.

Common Networking Problems: This section covers common networking issues, such as connectivity problems, routing issues, and security breaches, providing solutions and best practices.

Using Network Monitoring Tools: We'll explore various network monitoring tools that can assist in troubleshooting, including packet analyzers and network management systems.

Chapter 7: Practice Exams and Answers - Sharpen Your Skills

This chapter provides multiple practice exams designed to simulate the actual CCNA exam experience. Each exam includes detailed explanations for each answer, allowing you to reinforce your understanding and identify areas for improvement.

Conclusion: Your Journey to CCNA Success

Congratulations on completing your preparation journey! This eBook has provided you with the knowledge and tools needed to tackle the CCNA exam with confidence. Remember to review all concepts and practice regularly. Good luck on your exam!

FAQs

1. What is the CCNA exam all about? The CCNA exam tests your knowledge of networking fundamentals, LAN switching, IP routing, WAN technologies, and network security.
2. How long does it take to prepare for the CCNA exam? The time required varies depending on your prior experience, but 3-6 months of dedicated study is typical.
3. What resources are recommended for CCNA preparation? This ebook, along with Cisco's official documentation, online courses, and practice exams, are valuable resources.
4. What are the best study techniques for the CCNA exam? Employ active recall, regular practice, and focus on understanding concepts, not memorization.
5. How many questions are on the CCNA exam? The number of questions may vary slightly, but it generally involves around 90-110 questions.
6. What is the passing score for the CCNA exam? The passing score is not publicly disclosed, but generally around 80% is considered a safe margin.
7. How long is the CCNA certification valid for? The CCNA certification is currently valid for three years.
8. Can I retake the CCNA exam if I fail? Yes, you can retake the exam after a waiting period.
9. What are the career prospects after obtaining CCNA certification? The CCNA is a stepping stone to many networking jobs like network technician, network administrator, or system engineer.

Related Articles:

1. CCNA Subnetting Made Easy: A Step-by-Step Guide: This article provides a simplified approach to understanding and mastering subnetting.
2. Understanding VLANs: Segmenting Your Network for Enhanced Security and Performance: A detailed explanation of VLANs, their configuration, and benefits.
3. Mastering OSPF: A Comprehensive Guide to the Link-State Routing Protocol: A deep dive into OSPF, including its configuration, operation, and troubleshooting.
4. Troubleshooting Common CCNA Networking Problems: A Practical Approach: This article provides practical troubleshooting strategies for various networking issues.
5. CCNA Exam Tips and Tricks: Maximizing Your Chances of Success: Provides valuable tips and

tricks for improving your performance on the CCNA exam.

6. Choosing the Right CCNA Study Materials: A Comparative Analysis: Helps readers choose the most suitable study materials for their needs.

7. The Ultimate Guide to Cisco Packet Tracer for CCNA Preparation: Explores how to effectively use Cisco Packet Tracer for hands-on learning.

8. What are the differences between RIP, EIGRP, and OSPF? A comparison of these three popular routing protocols.

9. Preparing for the CCNA Lab Exam: Hands-on Practice and Tips: Focuses on preparing for the practical component of the CCNA exam.

ccna exam questions and answers pdf: CCNA 200-301 Official Cert Guide, Volume 1

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master several real-world configuration and troubleshooting activities. These exercises can be performed on the CCNA 200-301 Network Simulator Lite, Volume 1 software included for free on the companion website that accompanies this book. This software, which simulates the experience of working on actual Cisco routers and switches, contains the following 21 free lab exercises, covering topics in Part II and Part III, the first hands-on configuration sections of the book: 1. Configuring Local Usernames 2. Configuring Hostnames 3. Interface Status I 4. Interface Status II 5. Interface Status III 6. Interface Status IV 7. Configuring Switch IP Settings 8. Switch IP Address 9. Switch IP Connectivity I 10. Switch CLI Configuration Process I 11. Switch CLI Configuration Process II 12. Switch CLI Exec Mode 13. Setting Switch Passwords 14. Interface Settings I 15. Interface Settings II 16. Interface Settings III 17. Switch Forwarding I 18. Switch Security I 19. Switch Interfaces and Forwarding Configuration Scenario 20. Configuring VLANs Configuration Scenario 21. VLAN Troubleshooting

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Allan currently works full time developing CCNA instructional support and training materials.

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ccna exam questions and answers pdf: CCNA Security Study Guide Troy McMillan, 2018-01-16 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. Lay the foundation for a successful career in network security CCNA Security Study Guide offers comprehensive review for Exam 210-260. Packed with concise explanations of core security concepts, this book is designed to help you successfully prepare for the exam. Expert instruction guides you through critical concepts relating to secure network infrastructure, access management, VPN encryption, Firewalls, intrusion prevention and more, with complete coverage of the CCNA exam objectives. Practical examples allow you to apply your skills in

real-world scenarios, helping you transition effectively from learning to doing. You also get access to the Sybex online learning environment, featuring the tools you need to maximize your study time: key terminology and flash cards allow you to study anytime, anywhere, while chapter tests and practice exams help you track your progress and gauge your readiness along the way. The CCNA Security certification tests your knowledge of secure network installation, monitoring, and troubleshooting using Cisco security hardware and software solutions. When you're ready to get serious about preparing for the exam, this book gives you the advantage of complete coverage, real-world application, and extensive learning aids to help you pass with confidence. Master Cisco security essentials, standards, and core technologies Work through practical examples drawn from real-world examples Track your progress with online study aids and self-tests Develop critical competencies in maintaining data integrity, confidentiality, and availability Earning your CCNA Security certification validates your abilities in areas that define careers including network security, administrator, and network security support engineer. With data threats continuing to mount, the demand for this skill set will only continue to grow—and in an employer's eyes, a CCNA certification makes you a true professional. CCNA Security Study Guide is the ideal preparation resource for candidates looking to not only pass the exam, but also succeed in the field.

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200-101 Wendell Odom, 2013 CCNA ICND2 200-101 Official Cert Guide, Academic Edition, is a comprehensive textbook and study package for an intermediate-level networking course. This book has been completely revised to align to Cisco's new CCNA 200-101 ICND2 exam. Material is presented in a concise manner, focusing on increasing student's retention and recall of exam topics. The book is printed in four color, allowing students to benefit from carefully crafted figures that utilize color to convey concepts. Students will organize their study through the use of the consistent features in these chapters, including: Foundation Topics -- These sections make up the majority of the page count, explaining concepts, configurations, with emphasis on the theory and concepts, and with linking the theory to the meaning of the configuration commands. Key Topics -- Inside the Foundation Topics sections, every figure, table, or list that should absolutely be understood and remembered for the exam is noted with the words Key Topic in the margin. This tool allows the reader to quickly review the most important details in each chapter. Chapter-ending Summaries -- These bulleted lists provide a quick and concise review of the key topics covered in each chapter. Chapter-ending Review Questions -- Each chapter provides a set of multiple choice questions that help student's test their knowledge of the chapter concepts, including answers and full explanations. Chapter-ending Exercises -- Each chapter concludes with a series of exercises designed to help students increase their retention of the chapter content including key term reviews, key topic tables, command review exercises, and memory table exercises. Part Reviews -- This new edition includes a new part review feature that helps students consolidate their knowledge of concepts presented across multiple chapters. A new mind mapping exercise helps students build strong mental maps of concepts. A new exam bank of part review questions helps students test themselves with scenario-based questions that span multiple topics. In addition to these powerful chapter learning, review, and practice features, this book also contains several other features that make it a truly effective and comprehensive study package, including: A Getting Started chapter at the beginning of the book offer terrific advice for how to use the book features and build an effective study plan. The DVD contains over 60 minutes of video mentoring from the author on challenging topics such as OSPF, EIGRP, EIGRP Metrics, PPP, and CHAP. The book comes complete with the CCNA ICND2 Network Simulator Lite software, providing students with the opportunity to practice their hands-on command line interface skills with Cisco routers and switches. The 13 labs included for free with this product cover a range of EIGRP configuration and troubleshooting exercises. The Pearson IT Certification Practice Test software that comes with the book includes 4 full ICND2 exams and 4 full CCNA exams, providing tons of opportunities to assess and practice. Including the book review questions and part review questions, the exam bank includes more than 500 unique practice questions. A Final Preparation Chapter helps students review for final exams and prepare to

take the official Cisco CCNA exams, if they want to achieve that certification. A Study Plan Template is included on the DVD to help students organize their study time.

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