





Links to a series of hands-on config labs developed by the author · Online, interactive practice exercises that help you hone your knowledge · More than 90 minutes of video mentoring from the author · 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, challenging review questions and exercises, video instruction, and hands-on labs, this official study guide helps you master the concepts and techniques that ensure your exam success. The CCNA 200-301 Official Cert Guide, Volume 1, combined with CCNA 200-301 Official Cert Guide, Volume 2, walk you through all the exam topics found in the Cisco 200-301 exam. Topics covered in Volume 1 include: · Networking fundamentals · Implementing Ethernet LANs · Implementing VLANs and STP · IPv4 addressing · IPv4 routing · OSPF · IPv6 · Wireless LANs Companion Website: The companion website contains the CCNA Network Simulator Lite software, online practice exercises, study resources, and 90 minutes of video training. In addition to the wealth of updated content, this new edition includes a series of free hands-on exercises to help you 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 Pearson Test Prep online system requirements: Browsers: Chrome version 73 and above; Safari version 12 and above; Microsoft Edge 44 and above Devices: Desktop and laptop computers, tablets running on Android v8.0 and iOS v13, smartphones with a minimum screen size of 4.7". Internet access required Pearson Test Prep offline system requirements: Windows 10, Windows 8.1; Microsoft .NET Framework 4.5 Client; Pentium-class 1 GHz processor (or equivalent); 512 MB RAM; 650 MB disk space plus 50 MB for each downloaded practice exam; access to the Internet to register and download exam databases

CCNA Routing and Switching Complete Study Guide

CCNA: Cisco Certified Network Associate Study Guide

Routing and Switching

CCNA Cisco Certified Network Associate Study Guide, 7th Edition

CCNA Cisco Certified Network Associate Voice Study Guide (Exams 640-460 & 642-436)

Exam 210-260

*Here's the book you need to prepare for Cisco's CCIE Qualification and Lab Exams. This Study Guide provides: Assessment testing to focus and direct your studies In-depth coverage of all exam objectives Hundreds of challenging practice questions, in the book and on the CD Authoritative coverage of all official exam topics, including: Hierarchical network design Static versus dynamic routing Cisco Discovery Protocol (CDP) Point-to-Point Protocol (PPP) Frame Relay and ATM technologies Token Ring Ethernet LAN technologies IP addressing and subnetting Interior Gateway Protocol (IGP) and Exterior Gateway Protocol (EGP) Configuring static and dynamic NAT Border Gateway Protocol (BGP) Bridging and Data Link Switching (DLSw) Access Control Lists (ACLs) Route filtering capabilities Cisco IOS quality of service Enhancing and maintaining network security Cisco's multiservice configuration and support IP multicast Internet Control Message Protocol (ICMP) Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.*

*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. Increase the value of your organization's cloud network—and invest in your education The Cisco Cloud certification validates the skill set of individuals on industry-leading cloud solutions and best practices, as well as offering job role-based curricula for all levels of an IT staff. CCNA Cloud Complete Study Guide prepares you to take two required exams: 210-451, Understanding Cisco Cloud Fundamentals, and 210-455, Introducing Cisco Cloud Administration. It covers everything you can expect to encounter on the exams and also gives you a year of FREE access to Sybex's superior online interactive learning environment and test bank, including chapter tests, practice exams, a glossary of key terms, and electronic flashcards. Cisco's CCNA Cloud certification covers cloud characteristics and models, cloud deployment, and basic knowledge of cloud compute, cloud networking, and cloud storage. It also covers cloud infrastructure administration and reporting, chargeback and billing reports, cloud provisioning, cloud systems management and monitoring, and cloud remediation. With thorough coverage, practical instruction, and expert insight, this book provides an ideal resource for Exam 210-451 and Exam 210-455 preparation. • Includes an opening list of exam topics • Provides valuable hands-on exercises • Offers practical real-world examples • Distills in-depth perspective from cloud computing experts This book is the perfect resource for anyone seeking to earn the challenging, but rewarding CCNA Cloud certification.*

*Develop your cybersecurity knowledge to obtain CCNA Cyber Ops certification and gain professional skills to identify and remove potential threats Key FeaturesExplore different security analysis tools and develop your knowledge to confidently pass the 210-255 SECOPS examGrasp real-world cybersecurity skills such as threat analysis, event correlation, and identifying malicious activityLearn through mock tests, useful tips, and up-to-date exam questionsBook Description Cybersecurity roles have grown exponentially in the IT industry and an increasing number of organizations have set up security operations centers (SOCs) to monitor and respond to security threats. The 210-255 SECOPS exam is the second of two exams required for the Cisco CCNA Cyber Ops certification. By providing you with fundamental knowledge of SOC events, this certification validates your skills in managing cybersecurity processes such as analyzing threats and malicious activities, conducting security investigations, and using incident playbooks. You'll start by understanding threat analysis and computer forensics, which will help you build the foundation for learning intrusion analysis and incident response principles. The book will then guide you through vocabulary and techniques for analyzing data from the network and previous events. In later chapters, you'll discover how to identify, analyze, correlate, and respond to incidents, including how to communicate technical and inaccessible (non-technical) examples. You'll be able to build on your knowledge as you learn through examples and practice questions, and finally test your knowledge with two mock exams that allow you to put what you've learned to the test. By the end of this book, you'll have the skills to confidently pass the SECOPS 210-255 exam and achieve CCNA Cyber Ops certification. What you will learnGet up to speed with the principles of threat analysis, in a network and on a host deviceUnderstand the impact of computer forensicsExamine typical and atypical network data to identify intrusionsIdentify the role of the SOC, and explore other individual roles in incident responseAnalyze data and events using common frameworksLearn the phases of an incident, and how incident response priorities change for each phaseWho this book is for This book is for anyone who wants to prepare for the Cisco 210-255 SECOPS exam (CCNA Cyber Ops). If you're interested in cybersecurity, have already completed cybersecurity training as part of your formal education, or you work in Cyber Ops and just need a new certification, this book is for you. The certification guide looks at cyber operations from the ground up, consolidating concepts you may or may not have heard about before, to help you become a better cybersecurity operator.*

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Introduction to Cisco Router Configuration

CCENT ICND1 Study Guide

Exam 210-451 and Exam 210-455

Exam 100-105, Exam 200-105, Exam 200-125

*Begin a successful career in networking with 200-301 CCNA certification*

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A preparatory text for the CompTia Linux+ (Exam# XK0-001). The purpose of this textbook is to prepare the reader to successfully complete the latest CompTIA Linux+ Certification Exam, which requires that the person seeking certification possess a working knowledge of Planning and Implementation, Installation, Configuration, Administration, Systems Maintenance, and Troubleshooting. These specific areas of required knowledge are provided inside the front cover of this book. It is suitable for readers and students in computer engineering technology, electrical engineering technology, networking technology and telecommunications technology programs, corporations, and government agencies. Linux has become popular over a relatively short period of time. There are literally thousands of programmers who have an active role in developing Linux, with hundreds of ongoing projects using Linux and various hardware for many purposes. This product is a blended educational and training solution that combines a printed text, a lab experience and an online web-based curriculum that can be delivered anytime and anywhere there is an internet connection. Students are provided with ample resource information in the text as well as from the online course. The online course includes hundreds of FLASH animations and graphics that allow a level of engagement not possible by using a text alone. It includes an online component that allows students to take the tests electronically. Once the student completes the exam it is graded; the grades are stored in the instructor's electronic gradebook and the student is provided with a "Personalized Feedback" that leads them to the points missed on the exam. This feature helps students and teachers ensure that the appropriate level of proficiency is reached for each objective. The Cisco Learning Institute is a 501 C3 not-for-profit corporation dedicated to helping teachers and students use technology to enhance the learning experience. It has developed a variety of e-learning tools over the past five years for the purpose of authoring and delivering e-learning course material. The Cisco Networking Academy Program is a worldwide deployment of e-learning courses in the IT area with over 12,000 sites and 500,000 students currently taking courses, translating into the largest e-learning deployment in the world. The content delivery tools developed by the Cisco Learning Institute called Virtuoso deliver the content to the students and teachers in this extraordinarily successful program, and now the benefit of those tools is available to teachers and students preparing for CompTIA certification exams. The products developed by Cisco Learning Institute for Prentice Hall are all powered by Virtuoso.

bull; Published under the direction of Series Editor Ed Tittel, the leading authority on certification and the founder of the Exam Cram Method series. bull; CCNP BCMSN Exam 640-xxx provides updates on the latest specification from Cisco. bull; Includes an overview of Cisco certification that assesses reader readiness, exam layout, and exam-taking basics and strategies.

CCNP Cisco Internetwork Troubleshooting Exam Cram

CCNA Cyber Ops SECOPS – Certification Guide 210-255

Fundamentals and Certification

Cisco Certified CyberOps Associate 200-201 Certification Guide

CCNA Routing and Switching Complete Deluxe Study Guide

SSFIPS Securing Cisco Networks with Sourcefire Intrusion Prevention System Study Guide