
Pt Activity Layer 2 Vlan Security Answers

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**Scaling Networks v6
Companion Guide**

Pearson Education India
&> In This Book You'll
Learn How To:
Recognize the
different types and
forms of computer
memory Identify
different computer
cables and connectors
Troubleshoot IRQ
conflicts and other

computer resource problems Identify and troubleshoot common computer motherboard components Install core PC components, such as motherboards, processors, and memory Install and maintain multiple computer peripherals Identify network architectures and topologies Troubleshoot operating system problems Describe the core functions of Windows NT/2000/XP and Windows 9x operating systems Discover effective DOS commands excellent for troubleshooting Use the DOS operating system or command lines when your GUI is unavailable Recover from system startup failures Use and troubleshoot Windows Networking Effectively prepare yourself for exam day CD Features Practice Exams! Ready

to test your skills? Want to find out if you're ready for test day? Use the practice tests supplied on this CD to help prepare you for the big day. Test yourself, and then check your answers. Coupled with the in-depth material in the book, this is the ultimate one-two A+ study preparation package! Charles J. Brooks is currently co-owner and vice president of Educational Technologies Group Inc., as well as co-owner of eITPrep LLP, an online training company. He is in charge of research and product development at both organizations. A former electronics instructor and technical writer with the National Education Corporation, Charles taught and wrote on

post-secondary EET curriculum, including introductory electronics, transistor theory, linear integrated circuits, basic digital theory, industrial electronics, microprocessors, and computer peripherals. Charles has authored several books, including the first five editions of A+ Certification Training Guide, The Complete Introductory Computer Course, and IBM PC Peripheral Troubleshooting and Repair. He also writes about networking, residential technology integration, and convergence.

OSA-Express Implementation Guide Cisco Press

This text introduces the spirit and theory of

hacking as well as the science behind it all; it also provides some core techniques and tricks of hacking so you can think like a hacker, write your own hacks or thwart potential system attacks.

Switching, Routing, and Wireless Essentials Companion Guide (CCNAv7) John Wiley & Sons

A practical, fast-paced guide that gives you all the information you need to successfully create networks and simulate them using Packet Tracer. Packet Tracer Network Simulator is aimed at students, instructors, and network administrators who wish to use this simulator to learn how to perform networking instead of investing in expensive, specialized hardware. This book assumes that you have a good amount of Cisco networking knowledge, and it will focus

more on Packet Tracer rather than networking.

Packet Tracer Network Simulator John Wiley & Sons

An engaging approach for anyone beginning a career in networking As the world leader of networking products and services, Cisco products are constantly growing in demand. Yet, few books are aimed at those who are beginning a career in IT--until now. Cisco Networking Essentials provides a solid foundation on the Cisco networking products and services with thorough coverage of fundamental networking concepts. Author Troy McMillan applies his years of classroom instruction to effectively present high-level topics in easy-to-understand terms for beginners. With this indispensable full-color resource, you'll quickly learn the concepts, processes, and skills that are essential to

administer Cisco routers and switches. Begins with a clear breakdown of what you can expect to learn in each chapter, followed by a straightforward discussion of concepts on core topics Includes suggested labs and review questions at the conclusion of each chapter, which encourage you to reinforce and measure your understanding of the topics discussed Serves as an ideal starting point for learning Cisco networking products and services If you are interested in a career in IT but have little or no knowledge of networking and are new to Cisco networking products, then this book is for you.

The Book of GNS3 Cisco Press

Embedded Systems

Architecture is a practical and technical guide to understanding the components that make up an embedded system ' s architecture. This book is perfect for those

starting out as technical professionals such as engineers, programmers and designers of embedded systems; and also for students of computer science, computer engineering and electrical engineering. It gives a much-needed 'big picture' for recently graduated engineers grappling with understanding the design of real-world systems for the first time, and provides professionals with a systems-level picture of the key elements that can go into an embedded design, providing a firm foundation on which to build their skills. Real-world approach to the fundamentals, as well as the design and architecture process, makes this book a popular reference for the daunted or the inexperienced: if in doubt, the answer is in here! Fully updated with new coverage of FPGAs, testing, middleware and the latest programming techniques in C, plus complete source code and sample code, reference designs and tools online make this the complete package Visit the companion web site at <http://booksite.elsevier.com/9780123821966/> for source code, design examples, data sheets and more A true introductory book, provides a comprehensive get up and running reference for those new to the field, and updating skills: assumes no prior knowledge beyond undergrad level electrical engineering Addresses the needs of practicing engineers, enabling it to get to the point more directly, and cover more ground. Covers hardware, software and middleware in a single volume Includes a library of design examples and design tools, plus a complete set of source code and embedded systems design tutorial materials from companion website Implementation of IBM j-type Ethernet Switches and

Routers John Wiley & Sons
This practical book provides a comprehensive overview of troubleshooting and performance tuning best practices for Microsoft SQL Server. Database engineers, including database developers and administrators, will learn how to identify performance issues, troubleshoot the system in a holistic fashion, and properly prioritize tuning efforts to attain the best system performance possible. Author Dmitri Korotkevitch, Microsoft Data Platform MVP and Microsoft Certified Master (MCM), explains the interdependencies between SQL Server database components. You'll learn how to quickly diagnose your system and discover the root cause of any issue. Techniques in this book are compatible with all versions of SQL Server and cover both on-premises and cloud-based SQL Server installations.

Discover how performance issues present themselves in SQL Server Learn about SQL Server diagnostic tools, methods, and technologies Perform health checks on SQL Server installations Learn the dependencies between SQL Server components Tune SQL Server to improve performance and reduce bottlenecks Detect poorly optimized queries and inefficiencies in query execution plans Find inefficient indexes and common database design issues Use these techniques with Microsoft Azure SQL databases, Azure SQL Managed Instances, and Amazon RDS for SQL Server
[CCNA 200-301 Official Cert Guide, Volume 2](#) Cisco Press
Trust the best-selling Official Cert Guide series from Cisco Press to help you learn, prepare, and practice for exam success. They are built with the objective of providing assessment, review, and practice to help ensure you are fully prepared for your certification exam. • Master

Cisco CCNA 200-301 exam topics

- Assess your knowledge with chapter-opening quizzes
- Review key concepts with exam preparation tasks

This is the eBook edition of the CCNA 200-301 Official Cert Guide, Volume 1. This eBook, combined with the CCNA 200-301 Official Cert Guide Volume 2, cover all of exam topics on the CCNA 200-301 exam. This eBook does not include the practice exams that comes with the print edition. CCNA 200-301 Official Cert Guide, Volume 1 presents you with an organized test-preparation routine using proven series elements and techniques. “ Do I Know This Already? ” quizzes open each chapter and enable you to decide how much time you need to spend on each section. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. CCNA 200-301 Official Cert Guide, Volume 1 from Cisco Press enables you to succeed on the exam the first time and is the only self-study resource approved by

Cisco. 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
- A free copy of the CCNA 200-301 Volume 1 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 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
CEH Certified Ethical Hacker
Study Guide IBM Redbooks
Routing Protocols Companion
Guide is the official
supplemental textbook for the
Routing Protocols course in
the Cisco® Networking
Academy® CCNA®
Routing and Switching
curriculum. This course
describes the architecture,
components, and operations of
routers, and explains the
principles of routing and
routing protocols. You learn
how to configure a router for
basic and advanced
functionality. By the end of
this course, you will be able to
configure and troubleshoot
routers and resolve common
issues with RIPv1, RIPv2,
EIGRP, and OSPF in both
IPv4 and IPv6 networks. The

Companion Guide is designed
as a portable desk reference to
use anytime, anywhere to
reinforce the material from the
course and organize your time.
The book 's features help you
focus on important concepts to
succeed in this course: Chapter
objectives – Review core
concepts by answering the
focus questions listed at the
beginning of each chapter. Key
terms – Refer to the lists of
networking vocabulary
introduced and highlighted in
context in each chapter.
Glossary – Consult the
comprehensive Glossary with
more than 150 terms.
Summary of Activities and
Labs – Maximize your study
time with this complete list of
all associated practice exercises
at the end of each chapter.
Check Your
Understanding – Evaluate your
readiness with the end-of-
chapter questions that match
the style of questions you see in
the online course quizzes. The

answer key explains each answer. How To – Look for this icon to study the steps you need to learn to perform certain tasks. Interactive Activities – Reinforce your understanding of topics by doing all the exercises from the online course identified throughout the book with this icon. Videos – Watch the videos embedded within the online course. Packet Tracer Activities – Explore and visualize networking concepts using Packet Tracer exercises interspersed throughout the chapters. Hands-on Labs – Work through all the course labs and Class Activities that are included in the course and published in the separate Lab Manual.

[Troubleshooting Cisco Nexus Switches and NX-OS](#) Pearson IT Certification
31 Days Before Your CCNA Exam: A Day-By-Day Review Guide for the CCNA 200-301 Certification Exam is the

friendliest, most practical way to understand the CCNA Routing & Switching certification process, commit to taking your CCNA 200-301 exam, and 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
tear-card 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
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Introduction to Networks v7
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Interconnecting Data Centers
Using VPLS (Ensure Business
Continuance on Virtualized
Networks by Implementing
Layer 2 Connectivity Across
Layer 3) Cisco Press
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Press to help you learn, prepare,
and practice for exam success.
They are built with the objective
of providing assessment, review,

and practice to help ensure you are fully prepared for your certification exam. Master Cisco CCDA 200-310 exam topics Assess your knowledge with chapter-opening quizzes Review key concepts with exam preparation tasks This is the eBook edition of the CCDA 200-310 Official Cert Guide. This eBook does not include the practice exam that comes with the print edition. CCDA 200-310 Official Cert Guide presents you with an organized test preparation routine through the use of proven series elements and techniques. “ Do I Know This Already? ” quizzes open each chapter and allow you to decide how much time you need to spend on each section. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. CCDA 200-310 Official Cert Guide focuses specifically on the objectives for the newest Cisco CCDA DESGN exam. Expert networking consultants Anthony Bruno and Steve Jordan share preparation

hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. Well-regarded for its level of detail, assessment features, comprehensive design scenarios, and challenging review questions and exercises, this official study guide helps you master the concepts and techniques that will allow you to succeed on the exam the first time. The official study guide helps you master all the topics on the new CCDA DESGN exam, including: Design methodologies, including PBM, network characterization, and top-down/bottom-up approaches Design objectives: modularity, hierarchy, scalability, resilience, fault domains Addressing and routing protocols in existing networks Enterprise network design: campus, enterprise, and branch Expanding existing networks: wireless, security, collaboration, virtualization, programmability, data centers,

and more CCDA 200-310 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 <http://www.cisco.com/web/learning/index.html>

MPLS Fundamentals Cisco Press

Take an in-depth tour of core Internet protocols and learn how they work together to move data packets from one network to another. With this updated edition, you'll dive into the aspects of each protocol, including operation basics and security risks, and learn the function of network hardware such as switches and routers. New chapters

examine the transmission control protocol (TCP) and user datagram protocol in detail. Ideal for beginning network engineers, each chapter in this book includes a set of review questions, as well as practical, hands-on lab exercises. You'll explore topics including:

- Basic network architecture: how protocols and functions fit together
- The structure and operation of the Ethernet protocol
- TCP/IP protocol fields, operations, and addressing used for networks
- The address resolution process in a typical IPv4 network
- Switches, access points, routers, and components that process packets
- TCP details, including packet content and client-server packet flow
- How the Internet Control Message Protocol provides error

messages during network operations How network mask (subnetting) helps determine the network The operation, structure, and common uses of the user datagram protocol

[IBM Power Systems SR-IOV: Technical Overview and Introduction](#) Newnes Full Coverage of All Exam Objectives for the CEH Exams 312-50 and EC0-350 Thoroughly prepare for the challenging CEH Certified Ethical Hackers exam with this comprehensive study guide. The book provides full coverage of exam topics, real-world examples, and includes a CD with chapter review questions, two full-length practice exams, electronic flashcards, a glossary of key terms, and the entire book in a searchable pdf e-book.

What's Inside: Covers ethics

and legal issues, footprinting, scanning, enumeration, system hacking, trojans and backdoors, sniffers, denial of service, social engineering, session hijacking, hacking Web servers, Web application vulnerabilities, and more Walks you through exam topics and includes plenty of real-world scenarios to help reinforce concepts Includes a CD with an assessment test, review questions, practice exams, electronic flashcards, and the entire book in a searchable pdf

[802.11 Wireless Networks: The Definitive Guide](#) Cisco Press Learn, prepare, and practice for exam success, master CCNA voice 640-461 exam topics, and assess your knowledge with chapter-opening quizzes. Review key concepts with exam

preparation tasks and practice with realistic exam questions on the CD-ROM.

CCNA Voice 640-461

"O'Reilly Media, Inc."

IBM® j-type data center solutions running Junos software (from Juniper Networks) provide operational agility and efficiency, dramatically simplifying the network and delivering savings. With this solution, a network design has fewer devices, interconnections, and network tiers. Beyond the cost advantages, the design offers the following key benefits: Reduces latency
Simplifies device management
Delivers significant power, cooling, and space savings
Eliminates multiple system failure points
Performs pervasive security
The high-performance data center is

built around IBM j-type e-series Ethernet switches, m-series routers, and s-series firewalls. This new family of powerful products helps to shape the next generation of dynamic infrastructure. IBM j-type e-series Ethernet switches meet escalating demands while controlling costs. IBM j-type m-series Ethernet routers are high-performance routers with powerful switching and security capabilities. This IBM Redbooks® publication targets IT professionals who sell, design, or administer IBM j-type networking solutions. It provides information about IBM j-type Ethernet switches and routers and includes the following topics:
Introduction to Ethernet fundamentals and IBM j-type Ethernet switches and routers
Initial hardware

planning and configuration
Other configuration topics including Virtual Chassis configuration, Layer 1, Layer 2, and Layer 3 configurations, and security features Network management features of Junos software and maintenance of the IBM j-type series hardware
31 Days Before your CCNA Exam "O'Reilly Media, Inc."
This IBM® Redpaper™ publication describes the adapter-based virtualization capabilities that are being deployed in high-end IBM POWER7+™ processor-based servers. Peripheral Component Interconnect Express (PCIe) single root I/O virtualization (SR-IOV) is a virtualization technology on IBM Power Systems servers. SR-IOV allows multiple logical partitions (LPARs) to share a PCIe adapter with little or no run time

involvement of a hypervisor or other virtualization intermediary. SR-IOV does not replace the existing virtualization capabilities that are offered as part of the IBM PowerVM® offerings. Rather, SR-IOV compliments them with additional capabilities. This paper describes many aspects of the SR-IOV technology, including: A comparison of SR-IOV with standard virtualization technology Overall benefits of SR-IOV Architectural overview of SR-IOV Planning requirements SR-IOV deployment models that use standard I/O virtualization Configuring the adapter for dedicated or shared modes Tips for maintaining and troubleshooting your system Scenarios for configuring your system This paper is directed to clients, IBM Business Partners, and system administrators who are involved with planning,

deploying, configuring, and maintaining key virtualization technologies.

Hacking- The art Of Exploitation Cisco Press
Organized by exam objectives, this is a focused, concise review guide that works hand-in-hand with any learning tool, including the Sybex CCNA: Cisco Certified Network Associate Study Guide, 6th and Deluxe editions. The book will consist of four high-level chapters, each mapping to the four main Domains of the exam skill-set. The book will drill down into the specifics of the exam, covering the following: Designing Cisco internetworks Developing an access list Evaluating TCP/IP communication Configuring routers and switches Configuring IP addresses, subnet masks, and gateway addresses Performing LAN, VLAN, and WAN troubleshooting Understanding rules for packet control The interactive CD contains two bonus exams, handy flashcard questions, and a searchable PDF of a Glossary of Terms.

IPv6 for Enterprise Networks

Createspace Independent Publishing Platform

This is a guide to deploying IPv6 in any campus, WAN/branch, or data center environment. It shows the reader how to review, compare, and choose the right IPv6 implementation options, how to understand IPv6 services and the features that make them possible, and how to plan, deploy and manage IPv6 services in IPv4 networks.

Packet Guide to Core Network Protocols No Starch Press

As data centers grow in size and complexity, enterprises are adopting server virtualization technologies such as VMware, VMotion, NIC teaming, and server clustering to achieve increased efficiency of resources and to ensure business resilience. However, these technologies often involve significant expense and challenges to deal with

complex multisite interconnections and to maintain the high availability of network resources and applications. Interconnecting Data Centers Using VPLS presents Virtual Private LAN Service (VPLS) based solutions that provide high-speed, low-latency network and Spanning Tree Protocol (STP) isolation between data centers resulting in significant cost savings and a highly resilient virtualized network. The design guidance, configuration examples, and best practices presented in this book have been validated under the Cisco Validated Design (CVD) System Assurance program to facilitate faster, more reliable and more predictable deployments. The presented solutions include detailed information about issues that relate to large Layer 2 bridging domains and offer guidance for extending VLANs over Layer 3 networks using VPLS technology. Implementing this breakthrough Data Center Interconnect (DCI) strategy will evolve your network to support current server virtualization techniques and to provide a solid

foundation for emerging approaches. The book takes you from the legacy deployment models for DCI, problems associated with extending Layer 2 networks, through VPN technologies, to various MST-, EEM-, and GRE-based deployment models and beyond. Although this book is intended to be read cover-to-cover, it is designed to be flexible and allow you to easily move between chapters to develop the solution most compatible with your requirements. Describes a variety of deployment models to effectively transport Layer 2 information, allowing your virtualization solution to operate effectively Explains benefits and trade-offs of various solutions for you to choose the solution most compatible with your network requirements to ensure business resilience Provides detailed design guidance and configuration examples that follow Cisco best practice recommendations tested within the CVD This book is part of the Networking Technology Series from Cisco Press®, which offers networking professionals

valuable information for constructing efficient networks, understanding new technologies, and building successful careers. **Fundamentals of Data Communication Networks** Packt Publishing Ltd **Routing and Switching Essentials Companion Guide** is the official supplemental textbook for the **Routing and Switching Essentials** course in the **Cisco® Networking Academy® CCNA® Routing and Switching** curriculum. This course describes the architecture, components, and operations of routers and switches in a small network. You learn how to configure a router and a switch for basic functionality. By the end of this course, you will be able to configure and troubleshoot routers and switches and resolve common issues with RIPv1, RIPv2, single-area and multi-area OSPF, virtual LANs, and inter-VLAN routing in both IPv4

and IPv6 networks. The **Companion Guide** is designed as a portable desk reference to use anytime, anywhere to reinforce the material from the course and organize your time. The book's features help you focus on important concepts to succeed in this course: **Chapter objectives** – Review core concepts by answering the focus questions listed at the beginning of each chapter. **Key terms** – Refer to the lists of networking vocabulary introduced and highlighted in context in each chapter. **Glossary** – Consult the comprehensive Glossary with more than 200 terms. **Summary of Activities and Labs** – Maximize your study time with this complete list of all associated practice exercises at the end of each chapter. **Check Your Understanding** – Evaluate your readiness with the end-of-chapter questions that match the style of questions you see in

the online course quizzes. The answer key explains each answer. Related Title: Routing and Switching Essentials Lab Manual How To – Look for this icon to study the steps you need to learn to perform certain tasks. Interactive Activities – Reinforce your understanding of topics by doing all the exercises from the online course identified throughout the book with this icon. Videos – Watch the videos embedded within the online course. Packet Tracer Activities – Explore and visualize networking concepts using Packet Tracer exercises interspersed throughout the chapters. Hands-on Labs – Work through all the course labs and additional Class Activities that are included in the course and published in the separate Lab Manual.

CCNA Voice Official Exam Certification Guide (640-460 IIUC) Pearson

Education Enterprise Networking, Security, and Automation Companion Guide is the official supplemental textbook for the Enterprise Networking, Security, and Automation v7 course in the Cisco Networking Academy CCNA curriculum. This course describes the architectures and considerations related to designing, securing, operating, and troubleshooting enterprise networks. You will implement the OSPF dynamic routing protocol, identify and protect against cybersecurity threats, configure access control lists (ACLs), implement Network Address Translation (NAT), and learn about WANs and IPsec VPNs. You will also learn about QoS mechanisms, network

management tools, network virtualization, and network automation. The Companion Guide is designed as a portable desk reference to use anytime, anywhere to reinforce the material from the course and organize your time. The book's features help you focus on important concepts to succeed in this course: *

- * Chapter objectives: Review core concepts by answering the focus questions listed at the beginning of each chapter.
- * Key terms: Refer to the lists of networking vocabulary introduced and highlighted in context in each chapter.
- * Glossary: Consult the comprehensive Glossary with more than 500 terms.
- * Summary of Activities and Labs: Maximize your study time with this complete list of all associated practice exercises at the end of each chapter.

* Check Your Understanding: Evaluate your readiness with the end-of-chapter questions that match the style of questions you see in the online course quizzes. The answer key explains each answer.

How To: Look for this icon to study the steps you need to learn to perform certain tasks.

Interactive Activities: Reinforce your understanding of topics with dozens of exercises from the online course identified throughout the book with this icon.

Videos: Watch the videos embedded within the online course.

Packet Tracer Activities: Explore and visualize networking concepts using Packet Tracer exercises interspersed throughout the chapters and provided in the accompanying Labs & Study Guide book.

Hands-on Labs:

Work through all the course labs and additional Class Activities that are included in the course and published in the separate Labs & Study Guide. This book is offered exclusively for students enrolled in Cisco Networking Academy courses. It is not designed for independent study or professional certification preparation. Visit netacad.com to learn more about program options and requirements. Related titles:

CCNA 200-301 Portable Command Guide Book: 9780135937822 eBook: 9780135937709 31 Days Before Your CCNA Exam Book: 9780135964088 eBook: 9780135964231

CCNA 200-301 Official Cert Guide, Volume 1 Book: 9780135792735 Premium Edition: 9780135792728

CCNA 200-301 Official Cert Guide, Volume 2 Book: 9781587147135 Premium Edition: 9780135262719