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# Ccna Data Center 640 911 Practice Exam

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Exams 100-101, 200-101, and 200-120

CCIE

Exam 640-916

CCNA Wireless 200-355 Official Cert Guide

The Practice of System and Network  
Administration

CompTIA Server+ Certification Guide

CompTIA Network+ Study Guide

CCNA Data Center DCICT 200-155 Official Cert  
Guide

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

CCNA 200-301 Official Cert Guide, Volume 1

Stormwater Effects Handbook

Implementing and Operating Cisco Data Center  
Core Technologies

Troubleshooting Cisco Nexus Switches and NX-OS

Exam 640-911

CCNP and CCIE Data Center Core DCCOR 350-601  
Official Cert Guide

Cisco Certified Internetwork Expert Study Guide

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

CCNA Datacenter DCICN Certification Exam Exam  
640-911 ExamFOCUS Study Notes and Review

Questions 2013

CCNA Voice Study Guide

A Toolbox for Watershed Managers, Scientists,  
and Engineers

CCNA Portable Command Guide

Data Center Fundamentals

Exam 640-460

A comprehensive, end-to-end study guide for the  
SK0-004 certification, along with mock exams

Introduction to Python Network Automation

CCNA Routing and Switching 200-125 Official Cert  
Guide Library

CCNA Security 210-260 Official Cert Guide

CCNA Routing and Switching Complete Review  
Guide

Planning Health Promotion Programs

Official Cert Guide Ccda 200-310

Volume 1: DevOps and other Best Practices for  
Enterprise IT

CCNA Routing and Switching Study Guide

CCNA Data Center DCICN 200-150 Official Cert  
Guide

CCNA Data Center DCICN 640-911 Official Cert  
Guide

CCENT/CCNA ICND1 100-105 Official Cert Guide,  
Academic Edition

Cisco CCENT/CCNA ICND1 OCG Aca

An Intervention Mapping Approach

CCNA: Cisco Certified Network Associate

Exam N10-008

*Ccna Data Center 640 911 Practice Exam* Downloaded from [archive.imba.com](http://archive.imba.com) by guest

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## **ELAINE DUKE**

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*Exams 100-101, 200-101, and 200-120*  
CRC Press

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. This means 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. Tight, focused CCNA review covering all three exams The CCNA Routing and Switching Complete Review Guide offers clear, concise review for Exams 100-105, 200-105, and 200-125. Written by best-selling certification author and Cisco guru Todd Lammle, this guide is your ideal resource for quick review and reinforcement of key topic areas. This second edition has been updated to align with the latest versions of the exams, and works alongside the

Syberx CCNA Routing and Switching Complete Study Guide, 2nd Edition. Coverage includes LAN switching technologies, IP routing, IP services, IPv4 and IPv6 addressing, network device security, WAN technologies, and troubleshooting—providing 100% coverage of all objectives for the CCNA ICND1, ICND2, and Composite exams. The Syberx online learning environment gives you access to additional study tools, including practice exams and flashcards to give you additional review before exam day. Prepare thoroughly for the ICND1, ICND2, and the CCNA Composite exams Master all objective domains, mapped directly to the exams Clarify complex

topics with guidance from the leading Cisco expert Access practice exams, electronic flashcards, and more Each chapter focuses on a specific exam domain, so you can read from beginning to end or just skip what you know and get right to the information you need. This Review Guide is designed to work hand-in-hand with any learning tool, or use it as a stand-alone review to gauge your level of understanding. The CCNA Routing and Switching Complete Review Guide, 2nd Edition gives you the confidence you need to succeed on exam day. CCIE Cisco Press This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come

packaged with the bound book. CCNA Data Center DCICN 200-150 Official Cert Guide from Cisco Press allows you to succeed on the exam the first time and is the only self-study resource approved by Cisco. Cisco Data Center experts Chad Hintz, Cesar Obediente, and Ozden Karakok share 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 exam Do I Know This Already? quizzes, which allows you to decide how much time you need to spend on each section Chapter-ending

exercises, which help you drill on key concepts you must know thoroughly The powerful Pearson IT Certification Practice Test software complete with hundreds of well-reviewed, exam-realistic questions customization options, and detailed performance reports 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, this official study guide helps you master the concepts and techniques that

ensure your exam success. The official study guide helps you master topics on the CCNA Data Center DCICN 200-150 exam, including the following:

- Nexus data center infrastructure and architecture
- Networking models, Ethernet LANs, and IPv4/IPv6 addressing/routing
- Data center Nexus switching and routing fundamentals
- Nexus switch installation and operation
- VLANs, trunking, STP, and Ethernet switching
- IPv4 and IPv6 subnetting
- IPv4 routing concepts, protocols, configuration, and access control
- Data center storage networking technologies and configurations

Packt Publishing Ltd  
CCDA Official Cert

Guide, Fifth Edition is a comprehensive self-study tool for preparing for the new DESGN exam. Complete coverage of all exam topics as posted on the exam topic blueprint ensures readers will arrive at a thorough understanding of what they need to master to succeed on the exam. The book follows a logical organization of the DESGN exam objectives. Material is presented in a concise manner, focusing on increasing readers' retention and recall of exam topics. Readers will organize their exam preparation through the use of the consistent features in these chapters, including: Pre-chapter "Do I Know This Already?" quizzes  
Foundation Topics Key Topics Exam

Preparation Final  
Preparation Chapter  
CD-ROM Practice Test  
**Exam 640-916**  
Createspace  
Independent Publishing  
Platform  
Learn and implement  
network automation  
within the Enterprise  
network using Python  
3. This introductory  
book will be your guide  
to building an  
integrated virtual  
networking lab to begin  
your Network  
Automation journey  
and master the basics  
of Python Network  
Automation. The book  
features a review of  
the practical Python  
network automation  
scripting skills and tips  
learned from the  
production network, so  
you can safely test and  
practice in a lab  
environment first,  
various Python  
modules such as

paramiko and netmiko,  
pandas, re, and much  
more. You'll also  
develop essential skills  
such as Python  
scripting, regular  
expressions, Linux and  
Windows  
administration,  
VMware virtualization,  
and Cisco networking  
from the comfort of  
your laptop/PC with no  
actual networking  
hardware. Finally, you  
will learn to write a  
fully automated and  
working Cisco IOS XE  
upgrade application  
using Python.  
Introduction to Python  
Network Automation  
uses a canonical order,  
where you begin at the  
bottom and by the  
time you have  
completed this book,  
you will at least reach  
the intermediate level  
of Python coding for  
enterprise networking  
automation using

native Python tools. *What You'll Learn* Build a proper GNS3-based networking lab for Python network automation needs. Write the basics of Python codes in both the Windows and Linux environments. Control network devices using telnet, SSH, and SNMP protocols using Python codes. Understand virtualization and how to use VMware workstation Examine virtualization and how to use VMware Workstation Pro Develop a working Cisco IOS upgrade application *Who This Book Is For* IT Engineers and developers, network managers and students, who would like to learn network automation using Python. *CCNA Wireless 200-355*

*Official Cert Guide* Cisco Press This book presents you with an organized test-preparation routine through the use of proven series elements and techniques. Brief 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. *The Practice of System and Network Administration* Cisco Press With maps to the official Cisco CCIE exam blueprint, this low-cost alternative to course work holds the key to mastering the exam. The CD features an advanced test



engine with a bonus exam, electronic flash cards for PC and Palm devices, evaluation version of Visio software, and demo of Router Simulation software.

CompTIA Server+ Certification Guide John Wiley & Sons

Master the basics of data centers to build server farms that enhance your Web site performance Learn design guidelines that show how to deploy server farms in highly available and scalable environments Plan site performance capacity with discussions of server farm architectures and their real-life applications to determine your system needs Today's market demands that businesses have an Internet presence through which they can

perform e-commerce and customer support, and establish a presence that can attract and increase their customer base. Underestimated hit ratios, compromised credit card records, perceived slow Web site access, or the infamous "Object Not Found" alerts make the difference between a successful online presence and one that is bound to fail. These challenges can be solved in part with the use of data center technology. Data centers switch traffic based on information at the Network, Transport, or Application layers. Content switches perform the "best server" selection process to direct users' requests for a specific service to a server in a

server farm. The best server selection process takes into account both server load and availability, and the existence and consistency of the requested content. Data Center Fundamentals helps you understand the basic concepts behind the design and scaling of server farms using data center and content switching technologies. It addresses the principles and concepts needed to take on the most common challenges encountered during planning, implementing, and managing Internet and intranet IP-based server farms. An in-depth analysis of the data center technology with real-life scenarios make Data Center

Fundamentals an ideal reference for understanding, planning, and designing Web hosting and e-commerce environments.

*CompTIA Network+ Study Guide* Cisco Press

This is the eBook version of the print title. Note that the eBook does not provide access to the practice test software that accompanies the print book. Access to the personal video mentoring is available through product registration at Cisco Press; or see the instructions in the back pages of your eBook. Learn, prepare, and practice for CCNP/CCIE Data Center Core DCCOR 350-601 exam success with this Cert Guide from Cisco Press, a leader in IT

certification learning and the only self-study resource approved by Cisco. · Master CCNP/CCIE Data Center Core DCCOR 350-601 exam topics · Assess your knowledge with chapter-ending quizzes · Review key concepts with exam preparation tasks · Learn from more than two hours of video mentoring CCNP and CCIE Data Center Core DCCOR 350-601 Official Cert Guide is a best-of-breed exam study guide. Expert authors Somit Maloo and Firas Ahmed 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. The book presents you with an organized test-preparation routine through the use of proven series elements and techniques. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. Review questions help you assess your knowledge, and a final preparation chapter guides you through tools and resources to help you craft your final study plan. The book also contains more than two hours of personal video mentoring from the Pearson IT Certification Complete Video Course. Go to the back pages of your eBook for instructions on how

to access the personal video mentoring content. Well regarded for its level of detail, assessment features, and challenging review questions and exercises, this study guide helps you master the concepts and techniques that will help you succeed on the exam the first time. This official study guide helps you master all the topics on the CCNP/CCIE Data Center Core DCCOR 350-601 exam, including · Network · Compute · Storage Network · Automation · Security

CCNA Data Center DCICT 200-155 Official Cert Guide Cisco Press

Planning Health Promotion Programs

This thoroughly revised and updated third edition of Planning Health Promotion Programs provides a

powerful, practical resource for the planning and development of health education and health promotion programs. At the heart of the book is a streamlined presentation of Intervention Mapping, a useful tool for the planning and development of effective programs. The steps and tasks of Intervention Mapping offer a framework for making and documenting decisions for influencing change in behavior and environmental conditions to promote health and to prevent or improve a health problem. Planning Health Promotion Programs gives health education and promotion professionals and researchers

information on the latest advances in the field, updated examples and explanations, and new illustrative case studies. In addition, the book has been redesigned to be more teachable, practical, and practitioner-friendly.

**CCNA Voice Official Exam Certification Guide (640-460 IUC)**

Cisco Press

The definitive deep-dive guide to hardware and software troubleshooting on Cisco Nexus switches. The Cisco Nexus platform and NX-OS switch operating system combine to deliver unprecedented speed, capacity, resilience, and flexibility in today's data center networks. Troubleshooting Cisco Nexus Switches and

NX-OS is your single reference for quickly identifying and solving problems with these business-critical technologies. Three expert authors draw on deep experience with large Cisco customers, emphasizing the most common issues in real-world deployments, including problems that have caused major data center outages. Their authoritative, hands-on guidance addresses both features and architecture, helping you troubleshoot both control plane forwarding and data plane/data path problems and use NX-OS APIs to automate and simplify troubleshooting. Throughout, you'll find real-world configurations, intuitive illustrations, and

practical insights into key platform-specific behaviors. This is an indispensable technical resource for all Cisco network consultants, system/support engineers, network operations professionals, and CCNP/CCIE certification candidates working in the data center domain. · Understand the NX-OS operating system and its powerful troubleshooting tools · Solve problems with cards, hardware drops, fabrics, and CoPP policies · Troubleshoot network packet switching and forwarding · Properly design, implement, and troubleshoot issues related to Virtual Port Channels (VPC and VPC+) · Optimize routing through filtering or path

manipulation · Optimize IP/IPv6 services and FHRP protocols (including HSRP, VRRP, and Anycast HSRP) · Troubleshoot EIGRP, OSPF, and IS-IS neighbor relationships and routing paths · Identify and resolve issues with Nexus route maps · Locate problems with BGP neighbor adjacencies and enhance path selection · Troubleshoot high availability components (BFD, SSO, ISSU, and GIR) · Understand multicast protocols and troubleshooting techniques · Identify and solve problems with OTV · Use NX-OS APIs to automate troubleshooting and administrative tasks  
**CCNA 200-301  
 Official Cert Guide,**

**Volume 1** Sybex  
Incorporated  
CCNA Data Center -  
Introducing Cisco Data  
Center Networking  
Study GuideExam  
640-911John Wiley &  
Sons

**Stormwater Effects  
Handbook** Cisco Press  
The 640-911 DCICN  
exam covers these  
topics: 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 Most of these  
topics include material

similar to those of the  
R&S track, except that  
the NX-OS are also  
covered since NX-OS is  
being referred to as  
the "data center OS".  
To succeed in this  
CCNA Datacenter  
exam, you need to  
read as many  
reference books as  
possible. There is no  
single book that can  
cover everything! The  
book is NOT intended  
to guide you through  
every single official  
topic. You should  
therefore use this book  
together with other  
reference books for the  
best possible  
preparation outcome.  
This book has  
information on both  
the regular IOS and the  
NX-OS. The two Oses  
look similar, with some  
minor differences in  
the command syntaxes  
and usage. For  
example, NX-OS does

not have the login command for the switch users. Also it does not really distinguish between the standard ACL and the extended ACL. After all, the exam topics of this Datacenter track do not really have anything special (relative to the R&S track) other than implementing the technical features under the Nexus switches and the NX-OS.

**Implementing and Operating Cisco Data Center Core Technologies** Pearson Education

Prepare for the new CCNA exams with this Todd Lammle study guide Cisco author, speaker, and trainer Todd Lammle is considered the authority on all things

networking, and his books have sold almost a million copies worldwide. This all-purpose CCNA study guide methodically covers all the objectives of the ICND1 (100-101) and ICND2 (200-101) exams as well as providing additional insight for those taking CCNA Composite (200-120) exam. It thoroughly examines operation of IP data networks, LAN switching technologies, IP addressing (IPv4/IPv6), IP routing technologies, IP services, network device security, troubleshooting, and WAN technologies. Valuable study tools such as a companion test engine that includes hundreds of sample questions, a pre-assessment test, and multiple practice



exams. Plus, you'll also get access to hundreds of electronic flashcards, author files, and a network simulator. CCNA candidates may choose to take either the ICND1(100-101) and ICND2 (200-101) exams or the CCNA Composite exam (200-120); this study guide covers the full objectives of all three. Written by bestselling Sybex study guide author Todd Lammle, an acknowledged authority on all things Cisco Covers essential Cisco networking topics such as operating an IP data network, IP addressing, switching and routing technologies, troubleshooting, network device security, and much more. Includes a comprehensive set of

study tools including practice exams, electronic flashcards, comprehensive glossary of key terms, videos, and a network simulator that can be used with the book's hands-on labs. Bonus Content: Access to over 40 MicroNugget videos from CBT Nuggets. CCNA Routing and Switching Study Guide prepares you for CCNA certification success. *Troubleshooting Cisco Nexus Switches and NX-OS* Cisco Press With 28 new chapters, the third edition of *The Practice of System and Network Administration* innovates yet again! Revised with thousands of updates and clarifications based on reader feedback, this new edition also incorporates DevOps

strategies even for non-DevOps environments. Whether you use Linux, Unix, or Windows, this new edition describes the essential practices previously handed down only from mentor to protégé. This wonderfully lucid, often funny cornucopia of information introduces beginners to advanced frameworks valuable for their entire career, yet is structured to help even experts through difficult projects. Other books tell you what commands to type. This book teaches you the cross-platform strategies that are timeless! DevOps techniques: Apply DevOps principles to enterprise IT infrastructure, even in environments without developers Game-

changing strategies: New ways to deliver results faster with less stress Fleet management: A comprehensive guide to managing your fleet of desktops, laptops, servers and mobile devices Service management: How to design, launch, upgrade and migrate services Measurable improvement: Assess your operational effectiveness; a forty-page, pain-free assessment system you can start using today to raise the quality of all services Design guides: Best practices for networks, data centers, email, storage, monitoring, backups and more Management skills: Organization design, communication, negotiation, ethics, hiring and firing, and

more Have you ever had any of these problems? Have you been surprised to discover your backup tapes are blank? Ever spent a year launching a new service only to be told the users hate it? Do you have more incoming support requests than you can handle? Do you spend more time fixing problems than building the next awesome thing? Have you suffered from a botched migration of thousands of users to a new service? Does your company rely on a computer that, if it died, can't be rebuilt? Is your network a fragile mess that breaks any time you try to improve it? Is there a periodic "hell month" that happens twice a year? Twelve times a year? Do you

find out about problems when your users call you to complain? Does your corporate "Change Review Board" terrify you? Does each division of your company have their own broken way of doing things? Do you fear that automation will replace you, or break more than it fixes? Are you underpaid and overworked? No vague "management speak" or empty platitudes. This comprehensive guide provides real solutions that prevent these problems and more!

*Exam 640-911* Cisco Press

A stand-alone working document, *Stormwater Effects Handbook: A Toolbox for Watershed Managers, Scientists, and Engineers* assists

scientists and regulators in determining when stormwater runoff causes adverse effects in receiving waters. This complicated task requires an integrated assessment approach that focuses on sampling before, during, and after storms. The Handbook supplies assessment strategies, sample testing and collection methods, and includes illustrative figures and tables. The authors introduce an innovative design that can be tailored to address a wide range of environmental concerns, such as: ecological and human health risk assessments, water quality or biological criteria exceedences, use impairment, source identification, trend

analysis, determination of best management practices, stormwater quality monitoring for NPDES Phase I and II permits and applications, and total maximum daily load assessments. They provide case studies to illustrate the effectiveness of this approach and the data that can be compiled. Containing reviews of emerging technologies that hold promise for more effective receiving water evaluations, this book gives you detailed information on selecting methods and carrying out comprehensive evaluations. It includes guidance for the experimental design measurements, as well as standard and advanced statistical methods for data

evaluations. Despite the complexity of stormwater management, successful and accurate assessments of their impact are possible by following the integrated approaches described in Stormwater Effects Handbook: A Toolbox for Watershed Managers, Scientists, and Engineers.

CCNP and CCIE Data Center Core DCCOR 350-601 Official Cert Guide John Wiley & Sons

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 Security 210-260 Official Cert Guide exam topics --Assess your knowledge with chapter-opening quizzes --Review key concepts with exam preparation tasks This is the eBook edition of the CCNA Security 210-260 Official Cert Guide. This eBook does not include the companion CD-ROM with practice exam that comes with the print edition. CCNA Security 210-260 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 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 Security 210-260 Official Cert Guide focuses specifically on the objectives for the Cisco CCNA Security exam. Networking Security experts Omar Santos and John Stuppi 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 enable you to succeed on the exam the first time. The official study guide helps you master all the topics on the CCNA Security exam, including --Networking security concepts -- Common security threats --Implementing AAA using IOS and ISE - -Bring Your Own Device (BYOD) --Fundamentals of VPN technology and cryptography -- Fundamentals of IP security -- Implementing IPsec site-to-site VPNs -- Implementing SSL remote-access VPNs using Cisco ASA -- Securing Layer 2 technologies --Network

Foundation Protection (NFP) --Securing the management plane on Cisco IOS devices -- Securing the data plane --Securing routing protocols and the control plane -- Understanding firewall fundamentals -- Implementing Cisco IOS zone-based firewalls --Configuring basic firewall policies on Cisco ASA --Cisco IPS fundamentals -- Mitigation technologies for e-mail- and web-based threats -- Mitigation technologies for endpoint threats

CCNA Security 210-260 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>.

Cisco Certified  
Internetwork Expert  
Study Guide Cisco Press

"This book covers a wide spectrum of topics relevant to implementing and managing a modern data center. The chapters are comprehensive and the flow of concepts is easy to understand." - Cisco reviewer

Gain a practical knowledge of data center concepts To create a well-designed data center (including storage and network architecture, VoIP implementation,

and server consolidation) you must understand a variety of key concepts and technologies. This book explains those factors in a way that smoothes the path to implementation and management. Whether you need an introduction to the technologies, a refresher course for IT managers and data center personnel, or an additional resource for advanced study, you'll find these guidelines and solutions provide a solid foundation for building reliable designs and secure data center policies. \*

Understand the common causes and high costs of service outages \* Learn how to measure high availability and achieve maximum levels \*

Design a data center

using optimum physical, environmental, and technological elements

\* Explore a modular design for cabling, Points of Distribution, and WAN connections from ISPs \*

See what must be considered when consolidating data center resources \*

Expand your knowledge of best practices and security

\* Create a data center environment that is user- and manager-friendly \*

Learn how high availability, clustering, and disaster recovery solutions can be deployed to protect critical information \*

Find out how to use a single network infrastructure for IP data, voice, and storage

**Exam 100-105, Exam 200-105, Exam 200-125** Pearson



## Education

800x600 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.

CCENT/CCNA ICND1 100-105 Official Cert Guide, Academic Edition is a comprehensive textbook and study package that provides you with an introduction to foundational networking concepts and hands-on application. Best-selling author and expert instructor Wendell Odom shares study 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 study routine proven to help you retain knowledge Chapter-ending summaries that provide a quick review of key topics Tons of review exercises, including memory tables, command summaries, key term definitions, mind mapping exercises, review questions, and more, which test your understanding and reinforce your knowledge Troubleshooting sections, which help you master complex, real-world scenarios A free copy of the eBook version of the text, available in PDF, EPUB, and Mobi (Kindle) formats The powerful

Pearson IT Certification Practice Test Premium Edition software, complete with hundreds of well-reviewed, exam-realistic questions, customization options, linking of all questions to the PDF eBook file, and detailed performance reports A free copy of the CCENT/CCNA ICND1 100-105 Network Simulator Lite software, complete with meaningful lab exercises that help you hone your hands-on skills with the command-line interface for routers and switches Links to a series of hands-on config labs developed by the author Online interactive practice exercises that help you enhance your knowledge More than 90 minutes of video

mentoring from the author A final preparation chapter that guides you through tools and resources to help you craft your review and test-taking strategies Study plan suggestions and templates to help you organize and optimize your study time Well regarded for its level of detail, study plans, assessment features, challenging review questions and exercises, video instruction, and hands-on labs, this official study guide helps you master the concepts and techniques that ensure your success. This official study guide helps you master all the topics on the CCENT/CCNA ICND1 exam, including · Networking fundamentals · Implementing basic

Ethernet LANs ·  
Ethernet LANs: design,  
VLANs, and  
troubleshooting · IPv4  
addressing and  
subnetting ·  
Implementing IPv4 ·  
IPv4 design and  
troubleshooting · IPv4  
services: ACLs and NAT  
· IPv6 · Network device  
management The DVD  
contains more than  
500 unique practice  
exam questions, ICND1  
Network Simulator Lite  
software, online  
practice exercises, and  
90 minutes of video  
training. Includes  
Exclusive Offers For Up  
to 70% Off Video  
Training and Network  
Simulator Software  
Pearson IT Certification  
Practice Test minimum  
system requirements:  
Windows 10, Windows  
8.1, Windows 7, or  
Vista (SP2), 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 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  
CCENT/CCNA ICND1  
100-105 Network  
Simulator Lite software  
included for free on the  
DVD or companion web  
page that accompanies  
this book. This  
software, which  
simulates the  
experience of working  
on actual Cisco routers

and switches, contains the following 24 free lab exercises, covering all the topics in Part II, the first hands-on configuration section of the book: 1.

Configuring Hostnames

2. Configuring Local Usernames 3.

Configuring Switch IP Settings 4. Interface

Settings I 5. Interface

Settings II 6. Interface

Settings III 7. Interface

Status I 8. Interface

Status II 9. Interface

Status III 10. Interface

Status IV 11. Setting

Switch Passwords 12.

Switch CLI

Configuration Process I

13. Switch CLI

Configuration Process II

14. Switch CLI Exec

Mode 15. Switch

Forwarding I 16. Switch

IP Address 17. Switch

IP Connectivity I 18.

Switch Security I 19.

Switch Security II 20.

Switch Security III 21.

Switch Security IV 22.

Switch Security

Configuration Scenario

23. Switch Interfaces

and Forwarding

Configuration Scenario

24. Port Security

Troubleshooting

Scenario If you are

interested in exploring

more hands-on labs

and practicing

configuration and

troubleshooting with

more router and switch

commands, see the

special 50% discount

offer in the coupon

code included in the

sleeve in the back of

this book. Windows

system requirements

(minimum): · Windows

10 (32/64-bit),

Windows 8.1 (32/64-

bit), or Windows 7

(32/64-bit) · 1

gigahertz (GHz) or

faster 32-bit (x86) or

64-bit (x64) processor ·

1 GB RAM (32-bit) or 2

GB RAM (64-bit) · 16

GB available hard disk space (32-bit) or 20 GB (64-bit) · DirectX 9 graphics device with WDDM 1.0 or higher driver · Adobe Acrobat Reader version 8 and above Mac system requirements (minimum) · OS X 10.11, 10.10, 10.9, or 10.8 · Intel core Duo 1.83 GHz · 512 MB RAM (1 GB recommended) · 1.5 GB hard disk space · 32-bit color depth at 1024x768 resolution · Adobe Acrobat Reader version 8 and above

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