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Introduction To Networks Companion Guide

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Companion Guide

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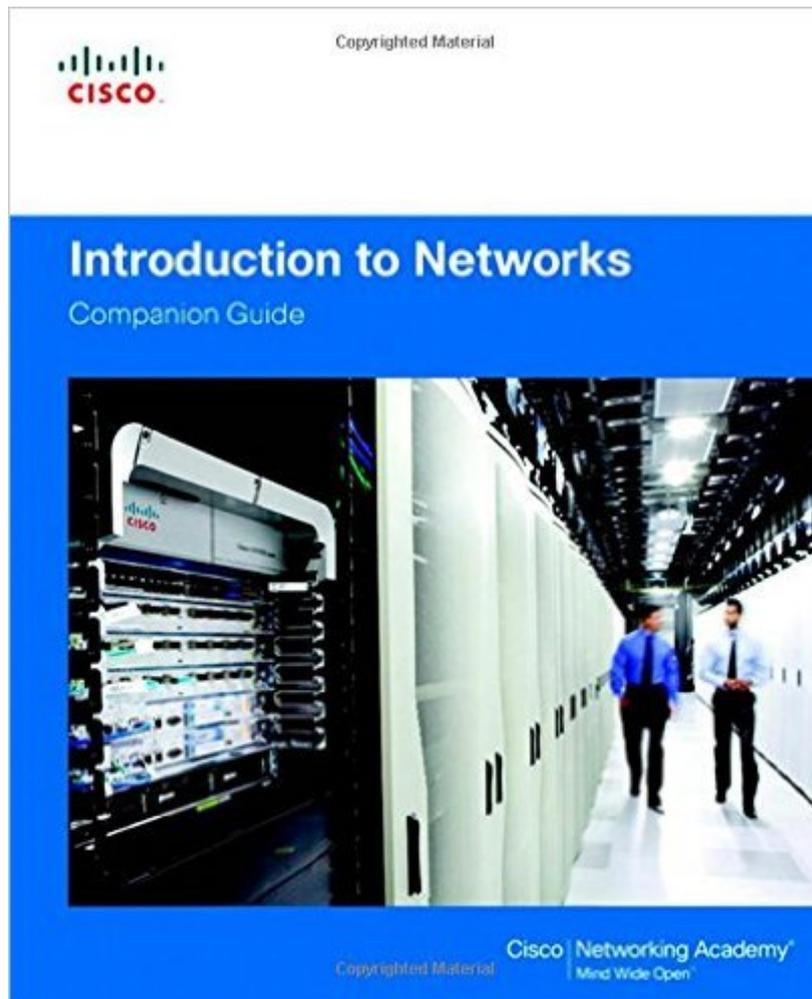
Synopsis

Introduction to Networks Companion Guide is the official supplemental textbook for the Introduction to Networks course in the CiscoÂ®Â Networking AcademyÂ®Â CCNAÂ®Â Routing and Switching curriculum. Â The course introduces the architecture, structure, functions, components, and models of the Internet and computer networks. The principles of IP addressing and fundamentals of Ethernet concepts, media, and operations are introduced to provide a foundation for the curriculum. By the end of the course, you will be able to build simple LANs, perform basic configurations for routers and switches, and implement IP addressing schemes. Â 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. Â The bookâ ™s features help you focus on important concepts to succeed in this course: Chapter Objectivesâ "Review core concepts by answering the focus questions listed at the beginning of each chapter.   Key Termsâ "Refer to the lists of networking vocabulary introduced and highlighted in context in each chapter.   Glossaryâ "Consult the comprehensive Glossary with more than 195 terms.   Summary of Activities and Labsâ "Maximize your study time with this complete list of all associated practice exercises at the end of each chapter.   Check Your Understandingâ "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. Â Related Title: Introduction to Networks Lab Manual ISBN-10: 1-58713-312-1 ISBN-13: 978-1-58713-312-1 Â   How Toâ "Look for this icon to study the steps you need to learn to perform certain tasks. Interactive Activitiesâ "Reinforce your understanding of topics with more than 50 different exercises from the online course identified throughout the book with this icon.   Videosâ "Watch the videos embedded within the online course.   Packet Tracer Activitiesâ "Explore and visualize networking concepts using Packet Tracer exercises interspersed throughout the chapters.   Hands-on Labsâ "Work through all 66 course labs and Class Activities that are included in the course and published in the separate Lab Manual.   This book is part of the Cisco Networking Academy Series from Cisco PressÂ®. Books in this series support and complement the Cisco Networking Academy curriculum. Â

Book Information

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Customer Reviews

This textbook is clear and well laid out. I'm using it in conjunction with the cisco academy online curriculum (which is essentially the same, but quite a bit more visual and interactive so the concepts really 'stick').I think the text does a very good job of covering basic concepts like switching, routing, IPv4, IPv6, OSI Model Layers and lots and lots and lots of different protocols.BUT- if you need to learn subnetting (and if you're taking the CCNA you need to have calculating and understanding subnets something you can do in your sleep) this text is not sufficient. It does cover how to subnet, why we do it and basic calculations, but anybody who has had to do extensive subnetting will tell you it's totally insufficient. This is extra weird because subnetting is on the CCNA and doing it quickly is absolutely imperative to passing. So, get out your google machine and look up some 2^ tables and speed subnetting functions if your instructor doesn't give you more subnetting experience and practice than the book does, because you'll really need it.

The course originally called for another book. The other book had the same text content but did not have the pictures and diagrams. This made it hard to relate to the online course material. But this book, had most (not all) of the pictures and diagrams as the online course material. This made it easier to read when I was unable to be near my computer or internet access. It is more expensive but I feel it is worth the cost.

It's very helpful. My professor is a dingbat(for example, test Friday is on chapter 4, but for some reason he's lecturing on chapter 8& 9. I wonder why I even waste my money on school. I often wonder how he's a Cisco certified professional.) and studying from a computer screen isn't my forte. There are little test at the end of each chapter and they tend to be very helpful. As far as packet

tracer goes, YouTube will be more help than anything else for configuring routers and switches. In my opinion, since I've already taken a few networking course...this course isn't very intro...it's more like "Intro to Cisco" not "Intro to Networks."

I bought the book for an official Cisco ICND1 class. I don't like reading material online when it is just one long scrolling page, but the Cisco online material is very well organized, easy to read, and easy to refer to. The book doesn't seem to offer much to complement. Cisco did such a good job with the online material they've made the book unnecessary.

Needed this book for my CCNA class. Not only was this product cheaper then the book threw the campus I was able to get the kindle version and the hard copy for under half the cost of the school. The resources in this book were able to help me threw class and to study for my CCNA. Introduction to Networking was easy to understand and was a good read. I will continue to use these books to better my education in Cisco.

I took a Cisco networking Fundamentals class at Ivy Tech, and this was a "recommended" book. At first, I thought I would get by with the online version (cisco has the entire thing on their network academy website, if you're a student), but as time wore on, this became an invaluable resource for quicker reference and ease of access when I wasn't around a computer.This book has a wealth of information in it, and I will probably use it for reference in other classes until I have this stuff down cold.

The book came in New condition with no wear or tear. As for the content, I am a network engineer and can certify that the content is practical, relevant and worth reading if you are going into the field.More likely you're a college student wondering if you should buy or rent. I recommend buying because the price is affordable and this covers a lot of great routing principles you'll need down the road. By the time you graduate you can flip through this for a refresher on most basic routing principles.

It's a pretty good book. I bought it for my Networking 1 course. I give it 4-stars only because I didnt like it's explanation on subnetting. The instructor taught us an easier way, though some liked the books instructions.

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