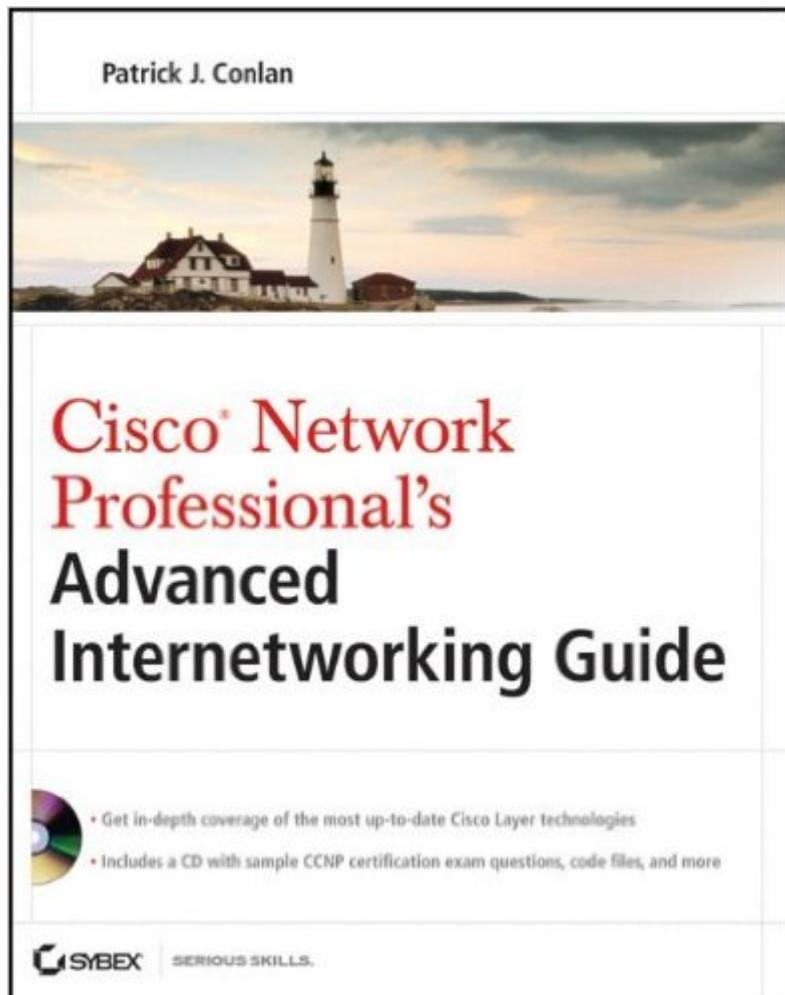


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Cisco Network Professional's Advanced Internetworking Guide (CCNP Series)



Synopsis

Ideal for any IT professional who uses Cisco technologies on a daily basis, or anyone who is preparing for their Cisco Certified Network Professional (CCNP) certification. The topics covered will be more in depth than other introductory-level books of similar topics, and will span from layer 2 technologies such as switching, STP, etherchannel, and trunking, all the way to application layer security topics such as firewall inspection and intrusion prevention systems. Items being covered in the middle will include all the common routing protocols RIP, EIGRP, OSPF and BGP. Many other routing technologies and WAN protocols will be covered including Multicast, MPLS, Cable and DSL. Coverage of redundancy protocols such as HSRP, VRRP and GLBP will be examined. A thorough coverage of convergence topics such as how voice, video and wireless traffic affect the network, and what can be done to improve the effects such as QOS and queuing. This book is a key component for any IT professional preparing for their CCNP certification, as it covers in-depth the topics tested on in all four CCNP exams: Building Scalable Cisco Internetworks (642-901) Building Cisco Multilayer Switched Networks (642-812) Implementing Secure Converged Wide Area Networks (642-825) Optimizing Converged Cisco Networks (642-485) CD includes the exclusive Sybex Test Engine, with two Practice CCNP exams, as well as author code files. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file. Â

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Customer Reviews

First of all I want to point out that this is the best guide for the current CCNP (2008/2009) I have

come across so far. It is far superior to the 4 Volume "official" Cisco Press CCNP guides in terms of relevance, clarity, and general readability. **Highlights:** Chapter 3, Spanning Tree Protocol - Don't get me wrong. Spanning tree is still the most boring topic in layer 2 switching, but unfortunately it is absolutely essential that Network Professionals have a solid understanding of how to work with and design networks in terms of spanning tree. This is one of the few spanning tree chapters in ANY book, that hasn't made me want to shoot myself. Chapter 8, Multicast - With the growing demand for video and voice on networks, Multicast routing is a needed in order to keep bandwidth utilization and overhead under control. While the concept of how multicast routing works can be difficult to grasp and the addressing mechanism seems like a nightmare, this chapter really helps the reader get their head around it. If you've never worked with multicast before you may still need to go over this chapter a couple of times. I would like to add that Dense Mode Multicast protocols are the Devil. Don't use them even if you do have a butt load of multicast on your network, all that flooding is bad ju-ju. PIM-Sparse Mode is the way to go. Chapter 20, Wireless Management and Security - The author does such a good job on this section, but I just wish there was more of it! The security sections (encryption and authentication) are clear and easy to understand. It is an absolute must to understand the differences between the two and how to apply them in the real world in order to avoid looking/sounding like an idiot.

Sybex Cisco Network Professional's Advanced Internetworking Guide is a highly specialized book. If you are not Cisco certified, you are not part of its target audience. Even earning a CCNA isn't necessarily a sufficient prerequisite... earning your living as a CCNA is. Meet the criteria? Read on. As Mr. Conlan freely admits in his introduction, no one book could possibly teach every topic covered by the CCNP exams. However, this work comes pretty close - any closer and the book would be too heavy to lift - offering an excellent examination of routing and switching protocols, security, wireless, and QoS. The author's decade of experience as an IT instructor is evident in these pages; in first person voice, he leads the reader through a case study of a fictitious multinational's network infrastructure, building outward from the campus LAN to the enterprise edge. All major subject areas of all four exams are dealt with in due course, reinforced with end of chapter reviews and useful code samples on the bundled CD. While admittedly some of the material was over my head, I feel confident that it is accurate (Todd Lammle may have proofread) and, perhaps surprisingly, engaging and enjoyable to read! I recommend this book without hesitation as a self-study textbook of advanced Cisco internetworking... if you've finished reading Network Warrior, buy it now.

I am a Cisco Netacad instructor and teach CCNA/A+. I also hold a CCNP and CCNA Security. This book is a great primer for the CCNP topics of Advanced Routing, Advanced Switching, Remote Access and Converged Networks. The Author does a great job of presenting the material in as conversational tone as possible, which makes it a lot easier to read than some computer/IT-related books. There is a logical progression to the book from the LAN, WAN, etc. I like that he relates the topics to an imaginary enterprise network called FutureTech. This helps the reader to relate how these technologies, concepts and protocols will apply and be implemented in a network. I was able to read through most of the chapters very briskly because of the manner in which the author writes. You can tell he has a lot of experience in instructing, and this comes through in the passages. He presents some of the concepts by using analogies, which can help to clear things up and relate them to other real-world subjects. A couple of caveats. The book does possess quite a few typos, but they do not get in the way of learning. Also, at this time, Cisco is in the process of revising the CCNP exam, which will now consist of three exams vice four. The revision will take place next summer, so it would be advisable to read the book now and begin preparing for the exams now. [...] There aren't any labs that accompany the text to help the students implement the technologies and concepts. It helps to have a beginner and a complex/advanced lab. The beginner lab helps to show the student how to configure the concept/technology. The advanced helps to test if the reader has a good grasp of the topic.

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