VPNs: A Beginner's Guide

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A comprehensive introduction to VPNs and networking basics, this book provides readers with a solid foundation of networking basics and the understanding necessary for learning the complexities of the VPN technology that follows. It takes the reader through the actual steps involved in provisioning the hardware, software and set-up with the provider of services for Internet access and communications carriers, thus leading to a comprehensive understanding of all VPN protocols. There is also detailed information about securing VPNs, including information on intrusion detection. Readers gain an understanding of security, encryption, encapsulation, key management and intrusion detection systems, all necessary for a secure network. Networking blueprints for 4 different types of VPNs, including IPSec and PPPT are also included.

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VPNs: A Beginner's Guide From McGraw-Hill/OsborneMedia Bibliography

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Editorial Review

From the Back Cover
Design and implement a virtual private network from start to finish

Take advantage of the most cost-effective and secure method for connecting branch offices and enabling remote access using "VPNs: A Beginner's Guide. This instructive guide shows you how design and implement a virtual private network from start to finish. Learn everything you need to know about VPNs beginning with networking fundamentals and layering principles to VPN protocols and security methods. Get details on the latest in tunneling technologies, including point-to-point tunneling protocol (PPTP) and layer two tunneling protocol (L2TP), and find out how to prevent hacker attacks. Learn about the latest and most advanced VPNs, such as IP Overlay VPNs and MPLS. Eight pages of blueprints depicting various types of VPNs help illustrate the concepts you've just read about. If you want a solid introduction to the inner workings of virtual private networks, this is the ideal book for you.

Get an overview of networking basics--including the OSI model, LANs, WANS, and TCP

Learn all about security components--policies, concepts, and architectures

Discover ways to filter out malicious information, and prevent threats and intrusions

Understand how VPNs relate to both public and private networks

Know the different types of tunneling methods and where they are usually implemented

Get details on the various VPN protocols--GRE, PPTP, L2F, and L2TP, and IPSec

Identify the components that define QoS--delay, bandwidth, jitter, and reliability

Preview the future of VPNs and understand MPLS, IP over ATM, tag switching, and more

About the Author
John Mairs, CCNA, CCDA,MCSE MCP+I (San Francisco, CA) has been a network administrator and security systems consultant for more than 14 years. John is currently a systems Engineer for GE Capital Information Technology Services where he handles the global enterprise networks and networking security for a Fortune 500 Company. He is a published author and contributed six chapters to Cisco Router Handbook.

Users Review

From reader reviews:

Donald McLaughlin:

Do you have favorite book? Should you have, what is your favorite's book? Reserve is very important thing for us to understand everything in the world. Each publication has different aim as well as goal; it means that reserve has different type. Some people truly feel enjoy to spend their the perfect time to read a book. They may be reading whatever they acquire because their hobby is reading a book. Think about the person who don't like reading through a book? Sometime, man feel need book whenever they found difficult problem or

exercise. Well, probably you will require this VPNs: A Beginner's Guide.

Richard Perkins:

Playing with family in a park, coming to see the sea world or hanging out with good friends is thing that usually you have done when you have spare time, subsequently why you don't try issue that really opposite from that. One activity that make you not feeling tired but still relaxing, trilling like on roller coaster you are ride on and with addition of knowledge. Even you love VPNs: A Beginner's Guide, it is possible to enjoy both. It is excellent combination right, you still desire to miss it? What kind of hang-out type is it? Oh come on its mind hangout guys. What? Still don't understand it, oh come on its known as reading friends.

Vanessa Palacios:

The book untitled VPNs: A Beginner's Guide contain a lot of information on it. The writer explains your ex idea with easy approach. The language is very easy to understand all the people, so do not worry, you can easy to read the idea. The book was written by famous author. The author will bring you in the new period of time of literary works. You can actually read this book because you can continue reading your smart phone, or gadget, so you can read the book inside anywhere and anytime. In a situation you wish to purchase the e-book, you can wide open their official web-site and order it. Have a nice study.

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