

*Librería*  
***Bonilla y Asociados***  
*desde 1950*



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**Sinopsis**

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Written by networking veteran with 20 years of experience, Network Warrior provides a thorough and practical introduction to the entire network infrastructure, from cabling to the routers. What you need to learn to pass a Cisco certification exam such as CCNA and what you need to know to survive in the real world are two very different things. The strategies that this book offers weren't on the exam, but they're exactly what you need to do your job well.

Network Warrior takes you step by step through the world of hubs, switches, firewalls, and more, including ways to troubleshoot a congested network, and when to upgrade and why. Along the way, you'll gain an historical perspective of various networking features, such as the way Ethernet evolved. Based on the author's own experience as well as those he worked for and with, Network Warrior is a Cisco-centric book, focused primarily on the TCP/IP protocol and Ethernet networks -- the realm that Cisco Systems now dominates. The book covers:

The type of networks now in use, from LANs, WANs and MANs to CANs

The OSI Model and the layers involved in sending data

Hubs, repeaters, switches, and trunks in practice

Auto negotiation and why it's a common problem in network slowdowns

Route maps, routing protocols, and switching algorithms in Cisco routers

The resilient Ethernet -- how to make things truly redundant

Cisco 6500 multi-layer switches and the Catalyst 3750 switch

Telecom nomenclature -- why it's different from the data world

T1 and DS3

Firewall theory, designing access lists, authentication in Cisco devices

Server load balancing technology

Content switch module in action

Designing QOS and what QOS does not do

IP design and subnetting made easy

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The book also explains how to sell your ideas to management, how networks become a mess as a company grows, and why change control is your friend. Network Warrior will help network administrators and engineers win the complex battles they face every day.

#### About the Author

Gary A. Donahue is a working consultant who has been in the computer industry for 25 years. Gary has worked as a programmer, mainframe administrator, Technical Assistance Center engineer, network administrator, network designer, and consultant. Gary has worked as the Director of Network Infrastructure for a national consulting company and has been the president of his own New Jersey consulting company; GAD Technologies. Having designed and built networks ranging from simple LANs to world-wide converged VoIP networks, Gary has worked with people from all levels of IT and management. From small local businesses to Fortune 500 clients Gary observed many misunderstandings regarding routing and switching technologies, even among people with high-level certifications. Gary's goal as a consultant has always been to help his clients understand the technology at hand. Over the years he has written many documents outlining complex technologies in order that others might better understand. Much of this knowledge has been transformed into this book. Being a teacher by nature, Gary enjoys the process of imparting newfound understanding to others. Gary has taught Tae Kwon Do, Photography and Astronomy both informally and through professional schools. Being someone who disdains boredom, Gary has many hobbies including amateur radio, astronomy, bicycling, computers of all kinds, gadgets, guitar, hiking, home theater, martial arts, photography, SCUBA diving, and competitive shooting. Gary is the owner of the Newf-Net Newfoundland Dog forum and is the author of the Newf-L F.A.Q.