# Network Warrior Gary A Donahue

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THIS GUT-WRENCHING FIRSTHAND ACCOUNT OF THE WAR IS A CLASSIC IN THE ANNALS OF VIETNAM LITERATURE. "Guns up!" was the battle cry that sent machine gunners racing forward with their M60s to mow down the enemy, hoping that this wasn't the day they would meet their deaths. Marine Johnnie Clark heard that the life expectancy of a machine gunner in Vietnam was seven to ten seconds after a firefight began. Johnnie was only eighteen when he got there, at the height of the bloody Tet Offensive at Hue, and he quickly realized the grim statistic held a chilling truth. The Marines who fought and bled and died were ordinary men, many still teenagers, but the selfless bravery they showed day after day in a nightmarish jungle war made them true heroes. This new edition of Guns Up!, filled with photographs and updated information about those harrowing battles, also contains the real names of these extraordinary warriors and details of their lives after the war. The book's continuing success is a tribute to the raw courage and sacrifice of the United States Marines.

Follows teams of Juniper Networks engineers as they solve specific client problems related to new and emerging network platform architectures.

This is a print on demand edition of a hard to find publication. Explores whether sufficient data exists to examine the temporal and spatial relationships that existed in terrorist group planning, and if so, could patterns of preparatory conduct be identified? About one-half of the terrorists resided, planned, and prepared for terrorism relatively close to their eventual target. The terrorist groups existed for 1,205 days from the first planning meeting to the date of the actual/planned terrorist incident. The planning process for specific acts began 2-3 months prior to the terrorist incident. This study examined selected terrorist groups/incidents in the U.S. from 1980-2002. It provides for the potential to identify patterns of conduct that might lead to intervention prior to the commission of the actual terrorist incidents. Illustrations.

This introductory book explains the basic operation of the signaling system 7 (SS7). SS7 is the standard communication system that is used to control public telephone networks. This book will help the reader gain an understanding of SS7 technology, network equipment, and overall operation. It covers the reasons why SS7 exists and is necessary, as well as step-by-step procedures that describe the actions that occur in the network. The SS7 common channel signaling has been standardized since the 1970's and is used by almost all public telephone companies throughout the world. If you are involved in telecommunications systems, SS7 is part of your system. This book is the perfect solution for those involved or interested in the operation and control of public telephone systems. The use of SS7 provides the ability to offer enhanced services and telephone network features. Traditional signaling systems cannot provide the level of sophistication required to deliver much more than basic telephone service. This book is intended to serve as a brief introduction to SS7, allowing the reader to gain an overall appreciation and understanding of its structure and impact. It covers the reasons why SS7 exists and is necessary, as well as step-by-step procedures that describe the actions that occur in the network when SS7 functionality is easy-to-understand manner, for the technical and the non-technical reader alike. Some of the most important topics featured are: - SS7 network architecture including SSP, SCP, and STP operations. - Common Control Packet Switching. - Call processing control (ISUP) and broadband telephony applications (BISUP). - Message Transfer Part (MTP) - Mobile application part (MAP)- Transaction capabilities part (TCAP). - Operations, Maintenance and Administration (OMAP). - Telephony Applications Network Programmability and Automation

Guns Up!

A Real-World Guide to Understanding Arista Switches and EOS

Packet Guide to Routing and Switching

The Switch Book

The Complete Guide to Scripting Microsoft's New Command Shell

Documents the troubling influence of a small group of scientists who the author contends misrepresent scientific facts to advance key political and economic agendas, revealing the interests behind their detractions on findings about acid rain, DDT, and other hazards.

Provides advice for system administrators on time management, covering such topics as keeping an effective calendar, eliminating time wasters, setting priorities, automating processes, and managing interruptions.

A guide to computer networks cover such topics as

hubs and switches, VLANs, trunking, routing and routers, tunnels, redundancy, Cisco Nexus, T1, and firewalls.

Get up to speed on the latest Ethernet capabilities for building and maintaining networks for everything from homes and offices to data centers and server machine rooms. This thoroughly revised, comprehensive guide covers a wide range of Ethernet technologies, from basic operation to network management, based on the authors' many years of field experience. When should you upgrade to higher speed Ethernet? How do you use switches to build larger networks? How do you troubleshoot the system? This book provides the answers. If you're looking to build a scalable network with Ethernet to satisfy greater bandwidth and market requirements, this book is indeed the definitive guide. Examine the most widely used media systems, as well as advanced 40 and 100 gigabit Ethernet Learn about Ethernet's four basic elements and the IEEE standards Explore full-duplex Ethernet, Power over Ethernet, and Energy Efficient Ethernet Understand structured cabling systems and the components you need to build your Ethernet system Use Ethernet switches to expand and improve network design Delve into Ethernet performance, from specific channels to the entire network Get troubleshooting techniques for problems common to twisted-pair and fiber optic systems Introduction to Ss7; SSP, Scp, Stp, and Ss7 Protocol Layers Operation Everything You Need to Know That Wasn't on the CCNA Exam Cisco IOS Cookbook Guide to Operating Systems The Warrior Mullah Death in the Jungle

In 1994, W. Richard Stevens and Addison-Wesley published a networking classic: TCP/IP Illustrated. The model for that book was a brilliant, unfettered approach to networking concepts that has proven itself over time to be popular with readers of beginning to intermediate networking knowledge. The Illustrated Network takes this time-honored approach and modernizes it by creating not only a much larger and more complicated network, but also by incorporating all the networking advancements that have taken place since the mid-1990s, which are many. This book takes the popular Stevens approach and modernizes it, employing 2008 equipment, operating systems, and router vendors. It presents an ?illustrated? explanation of how TCP/IP works with consistent examples from a real, working network configuration that includes servers, routers, and workstations. Diagnostic traces allow the reader to follow the discussion with unprecedented clarity and precision. True to the title of the book, there are 330+ diagrams and screen shots, as well as topology diagrams and a unique repeating chapter opening diagram. Illustrations are also used as end-of-chapter questions. A complete and modern network was assembled to write this book, with all the material coming from real objects connected and running on the network, not assumptions. Presents a real world networking scenario the way the reader sees them in a device-agnostic world. Doesn't preach one platform or the other. Here are ten key differences between the two: Stevens Goralski's Older operating systems (AIX,svr4,etc.) Newer OSs (XP, Linux, FreeBSD, etc.) Two routers (Cisco, Telebit (obsolete)) Two routers (M-series, J-series) Slow Ethernet and SLIP link Fast Ethernet, Gigabit Ethernet, and SONET/SDH links (modern) Tcpdump for traces Newer, better utility to capture traces (Ethereal, now has a new name!) No IPSec IPSec No multicast Multicast No router security discussed Firewall routers detailed No Web Full Web browser HTML consideration No IPv6 IPv6 overview Few configuration details More configuration details (ie, SSH, SSL, MPLS, ATM/FR consideration, wireless LANS, OSPF and BGP routing protocols New Modern Approach to Popular Topic Adopts the popular Stevens approach and modernizes it, giving the reader insights into the most up-to-date network equipment, operating systems, and router vendors. Shows and Tells Presents an illustrated explanation of how TCP/IP works with consistent examples from a real, working network configuration that includes servers, routers, and workstations, allowing the reader to follow

the discussion with unprecedented clarity and precision. Over 330 Illustrations True to the title, there are 330 diagrams, screen shots, topology diagrams, and a unique repeating chapter opening diagram to reinforce concepts Based on Actual Networks A complete and modern network was assembled to write this book, with all the material coming from real objects connected and running on the network, bringing the real world, not theory, into sharp focus. Like sysadmins before them, network engineers are finding that they cannot do their work manually anymore. As the field faces new protocols, technologies, delivery models, and a pressing need for businesses to be more agile and flexible, network automation is becoming essential. This practical guide shows network engineers how to use a range of technologies and tools—including Linux, Python, JSON, and XML—to automate their systems through code. Network programming and automation will help you simplify tasks involved in configuring, managing, and operating network equipment, topologies, services, and connectivity. Through the course of the book, you'll learn the basic skills and tools you need to make this critical transition. This book covers: Python programming basics: data types, conditionals, loops, functions, classes, and modules Linux fundamentals to provide the foundation you need on your network automation journey Data formats and models: JSON, XML, YAML, and YANG for networking Jinja templating and its applicability for creating network device configurations The role of application programming interfaces (APIs) in network automation Source control with Git to manage code changes during the automation process How Ansible, Salt, and StackStorm open source automation tools can be used to automate network devices Key tools and technologies required for a Continuous Integration (CI) pipeline in network operations

Though Arista Networks is a relative newcomer in the data center and cloud networking markets, the company has already had considerable success. In this book, renowned consultant and technical author Gary Donahue (Network Warrior) provides an in-depth, objective guide to Arista's lineup of hardware, and explains why its network switches and Extensible Operating System (EOS) are so effective. Anyone with a CCNA or equivalent knowledge will benefit from this book, especially entrenched administrators, engineers, or architects tasked with building an Arista network. Is Arista right for your data center? Pick up this guide and find out. Topic highlights include: SysDB: the EOS system database that holds state, statuses, and variables Multichassis Link Aggregation (MLAG): for linking a port-channel to multiple switches instead of just one Latency Analyzer (LANZ): the interface-buffer troubleshooting tool with a reporting granularity of one millisecond VM Tracer: for adding, changing, and removing VLANs without human interaction Zero-Touch Provisioning (ZTP): for remote switch configuration Hardware advantages: including merchant silicon, low-latency networking, and power consumption Gotchas: issues with Arista switches or systems

It used to be said that the night belonged to Charlie. But that wasn't true where SEALs patrolled. For six months in 1970, fourteen men in Juliett Platoon of the Navy's SEAL Team One--incuding the author--carried out over a hundred missions in the Mekong Delta without a single platoon fatality. Their primary mission: kidnap enemy soldiers--alive--for interrogation.

Ethernet
Exploring Warrior Values Past and Present
Packet Guide to Core Network Protocols
How TCP/IP Works in a Modern Network
Baptism
Active Directory

Pick up where certification exams leave off. With this practical, in-depth guide to the entire network infrastructure, you'll learn how to deal with real Cisco networks, rather than the hypothetical situations presented on exams like the CCNA. Network Warrior takes you step by step through the world of routers, switches, firewalls, and other technologies based on the author's extensive field experience. You'll find new content for MPLS, IPv6, VoIP, and wireless in this completely revised second edition, along with examples of Cisco Nexus 5000 and 7000 switches throughout. Topics include: An in-depth view of routers and routing Switching, using Cisco Catalyst and Nexus switches as examples SOHO VoIP and SOHO wireless access point design and configuration Introduction to IPv6 with configuration examples Telecom technologies in the data-networking world, including T1, DS3, frame relay, and MPLS Security, firewall theory, and configuration, as well as ACL and authentication Quality of Service (QoS), with an emphasis on low-latency queuing (LLQ) IP address allocation, Network Time Protocol (NTP), and device failures

With more than 250 ready-to-use recipes, this solutions-oriented introduction to the Windows PowerShell scripting environment and language provides administrators with the tools to be productive immediately.

Border Gateway Protocol (BGP) is the routing protocol used to exchange routing information across the Internet. It makes it possible for ISPs to connect to each other and for end-users to connect to more than one ISP. BGP is the only protocol that is designed to deal with a network of the Internet's size, and the only protocol that can deal well with having multiple connections to unrelated routing domains. This book is a guide to all aspects of BGP: the protocol, its configuration and operation in an Internet environment, and how to troubleshooting it. The book also describes how to secure BGP, and how BGP can be used as a tool in combating Distributed Denial of Service (DDoS) attacks. Although the examples throughout this book are for Cisco routers, the techniques discussed can be applied to any BGP-capable router. The topics include: Requesting an AS number and IP addresses Route filtering by remote ISPs and how to avoid this Configuring the initial BGP setup Balancing the available incoming or outgoing traffic over the available connections Securing and troubleshooting BGP BGP in larger networks: interaction with internal routing protocols, scalability issues BGP in Internet Service Provider networks The book is filled with numerous configuration examples with more complex case studies at the end of the book to strengthen your understanding. BGP is for anyone interested in creating reliable connectivity to the Internet.

Arista Networks has become a key player when it comes to software-driven cloud networking solutions for large data center storage and computing environments. In this updated edition of Arista Warrior, renowned consultant and technical author Gary Donahue Network Arista Networks has become a key player when it comes to software-driven cloud networking solutions for large data center, storage, and computing environments, and with their continued expansion and growth since the first edition was released, this book is a welcome update. In this updated edition of Arista Warrior, renowned trainer, consultant, and technical author Gary A. Donahue (Network Warrior) provides an in-depth, objective guide to Arista's products explains why its network switches, software products, and Extensible Operating System (EOS) are so effective. Anyone with a CCNA or equivalent knowledge will benefit from this book, especially entrenched administrators, engineers, or architects tasked with building an Arista network. Is Arista right for your network? Pick up this in-depth guide and find out. In addition to the topics covered in the first edition, this book also includes: Configuration Management: Config sessions, config replace, etc. CloudVision: Arista's management, workload orchestration, workflow automation, configuration, and telemetry tool VXLAN: Layer-2 overlay networking FlexRoute: Two million routes in hardware Tap Aggregation: Make your switch or blade into a Tap Aggregation device Advanced Mirroring: Mirror to a port-channel or even the CPU Network Design: A quick overview of the Arista recommended network designs vEOS: Arista's Extensible Operating System in a VM with step-by-step instructions cEOS: Arista's EOS in a container with examples eAPI: Arista's fabulous extended Application Programmable Interface

With Special Forces in the Viet Cong Forbidden Zone

Njinga of Angola

Juniper Networks Warrior

The Code of the Warrior

A Vietnam Memoir

The Element of Surprise

Master the fundamental concepts of computer operating systems with Tomsho's GUIDE TO OPERATING SYSTEMS, 6th Edition. An excellent resource for training across different operating systems, this practical text equips you with key theory and technical information as you work with today's most popular operating systems, including Windows, macOS and Linux platforms. You will learn how general operating systems are organized and function as well as gain hands-on experience with OS installation, upgrading and configuration. Processors, file

systems, networking, virtualization, security, device management, storage, OS maintenance and troubleshooting are explored in detail. Content also covers Windows 10 and earlier Windows client OSs, Windows Server 2019 and earlier Windows server OSs, Fedora Linux, and macOS Mojave and earlier. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Go beyond layer 2 broadcast domains with this in-depth tour of advanced link and internetwork layer protocols, and learn how they enable you to expand to larger topologies. An ideal follow-up to Packet Guide to Core Network Protocols, this concise guide dissects several of these protocols to explain their structure and operation. This isn't a book on packet theory. Author Bruce Hartpence built topologies in a lab as he wrote this guide, and each chapter includes several packet captures. You'll learn about protocol classification, static vs. dynamic topologies, and reasons for installing a particular route. This guide covers: Host routing—Process a routing table and learn how traffic starts out across a network Static routing—Build router routing tables and understand how forwarding decisions are made and processed Spanning Tree Protocol—Learn how this protocol is an integral part of every network containing switches Virtual Local Area Networks—Use VLANs to address the limitations of layer 2 networks Trunking—Get an indepth look at VLAN tagging and the 802.1Q protocol Routing Information Protocol—Understand how this distance vector protocol works in small, modern communication networks Open Shortest Path First—Discover why convergence times of OSPF and other link state protocols are improved over distance vectors

While several publishers (including O'Reilly) supply excellent documentation of router features, the trick is knowing when, why, and how to use these features There are often many different ways to solve any given networking problem using Cisco devices, and some solutions are clearly more effective than others. The pressing question for a network engineer is which of the many potential solutions is the most appropriate for a particular situation. Once you have decided to use a particular feature, how should you implement it? Unfortunately, the documentation describing a particular command or feature frequently does very little to answer either of these questions. Everybody who has worked with Cisco routers for any length of time has had to ask their friends and co-workers for example router configuration files that show how to solve a common problem. A good working configuration example can often save huge amounts of time and frustration when implementing a feature that you've never used before. The Cisco Cookbook gathers hundreds of example router configurations all in one place. As the name suggests, Cisco Cookbook is organized as a series of recipes. Each recipe begins with a problem statement that describes a common situation that you might face. After each problem statement is a brief solution that shows a sample router configuration or script that you can use to resolve this particular problem. A discussion section then describes the solution, how it works, and when you should or should not use it. The chapters are organized by the feature or protocol discussed. If you are looking for information on a particular feature such as NAT, NTP or SNMP, you can turn to that chapter and find a variety of related recipes. Most chapters list basic problems first, and any unusual or complicated situations last. The Cisco Cookbook will quickly become your "go to" resource for researching and solving complex router configuration issues, saving you time and making your network more efficient. It covers: Router Configuration and File Management Router Management User Access and Privilege Levels TACACS+ IP Routing RIP EIGRP OSPF BGP Frame Relay Queueing and Congestion Tunnels and VPNs Dial Backup NTP and Time DLSw Router Interfaces and Media Simple

How can you make multivendor services work smoothly on today's complex networks? This practical book shows you how to deploy a large portfolio of multivendor Multiprotocol Label Switching (MPLS) services on networks, down to the configuration level. You'll learn where Juniper Network's Junos, Cisco's IOS XR, and OpenContrail, interoperate and where they don't. Two network and cloud professionals from Juniper describe how MPLS technologies and applications have rapidly evolved through services and architectures such as Ethernet VPNs, Network Function Virtualization, Seamless MPLS, Egress Protection, External Path Computation, and more. This book contains no vendor bias or corporate messages, just solid information on how to get a multivendor network to function optimally. Topics include: Introduction to MPLS and Software-Defined Networking (SDN) The four MPLS Builders (LDP, RSVP-TE, IGP SPRING, and BGP) Layer 3 unicast and multicast MPLS services, Layer 2 VPN, VPLS, and Ethernet VPN Inter-domain MPLS Services Underlay and overlay architectures: data centers, NVO, and NFV Centralized Traffic Engineering and TE bandwidth reservations Scaling MPLS transport and services Transit fast restoration based on the IGP and RSVP-TE FIB optimization and egress service for fast restoration

The Horn Aflame, 1892-1920

How a Handful of Scientists Obscured the Truth on Issues from Tobacco Smoke to Global Warming

Help for Unix System Administrators

Cisco Cookbook

The Identification of Behavioral, Geographic and Temporal Patterns of Preparatory Conduct

Mastering OpenVPN

SNAKES, VIPERS, CROCS, SHARKS, AND THE VC With 257 combat missions in Vietnam under his belt, Gary Smith is a living witness to the realities of Naval Special Warfare. He worked with some of the toughest and most highly motivated men in the world, executing missions in the murderous terrain of Rung Sat Special Zone and Dung Island. The key to their success: go where no ordinary soldier would go and no VC would expect them. Though death reigned as king in the jungles of Vietnam, Gary Smith considered it a privilege and an honor to serve under the officers and with the men of Underwater Demolition Team Twelve and SEAL Team 1. Because he and his teammates, trained to the max, gave each other the courage to attain the unattainable . . . .

This complete guide to setting up and running a TCP/IP network is essential for network administrators, and invaluable for users of home systems that access the Internet. The book starts with the fundamentals -- what protocols do and how they work, how addresses and routing are used to move data through the network, how to set up your network connection -- and then covers, in detail, everything you need to know to exchange information via the Internet.Included are discussions on advanced routing protocols (RIPv2, OSPF, and BGP) and the gated software package that implements them, a tutorial on configuring important network services -- including DNS, Apache, sendmail, Samba, PPP, and DHCP -- as well as expanded chapters on troubleshooting and security. TCP/IP Network Administration is also a command and syntax reference for important packages such as gated, pppd, named, dhcpd, and sendmail.With coverage that includes Linux, Solaris, BSD, and System V TCP/IP implementations, the third edition contains: Overview of TCP/IP Delivering the data Network services Getting startedM Basic configuration Configuring the interface Configuring routing Configuring DNS Configuring network servers Configuring sendmail Configuring Apache Network security Troubleshooting Appendices include dip, ppd, and chat

reference, a gated reference, a dhcpd reference, and a sendmail reference This new edition includes ways of configuring Samba to provide file and print sharing on networks that integrate Unix and Windows, and a new chapter is dedicated to the important task of configuring the Apache web server. Coverage of network security now includes details on OpenSSH, stunnel, gpg, iptables, and the access control mechanism in xinetd. Plus, the book offers updated information about DNS, including details on BIND 8 and BIND 9, the role of classless IP addressing and network prefixes, and the changing role of registrars.Without a doubt, TCP/IP Network Administration, 3rd Edition is a must-have for all network administrators and anyone who deals with a network that transmits data over the Internet.

Why do warriors fight? What is worth dying for? How should a warrior define words like "nobility," "honor," "courage," or "sacrifice"? What are the duties and obligations of a warrior, and to whom are they owed? What should bring a warrior honor or shame? These and other questions are considered in Shannon French's The Code of the Warrior, a book that explores eight warrior codes from around the globe, spanning such traditions as the Homeric, Roman, and Samurai cultures, through to the present day-culminating in a thoughtful analysis of a timely question: Are terrorists warriors?

As a network administrator, auditor or architect, you know the importance of securing your network and finding security solutions you can implement quickly. This succinct book departs from other security literature by focusing exclusively on ways to secure Cisco routers, rather than the entire network. The rational is simple: If the router protecting a network is exposed to hackers, then so is the network behind it. Hardening Cisco Routers is a reference for protecting the protectors. Included are the following topics: The importance of router security and where routers fit into an overall security plan Different router configurations for various versions of Cisco?s IOS Standard ways to access a Cisco router and the security implications of each Password and privilege levels in Cisco routers Authentication, Authorization, and Accounting (AAA) control Router warning banner use (as recommended by the FBI) Unnecessary protocols and services commonly run on Cisco routers SNMP security Anti-spoofing Protocol security for RIP, OSPF, EIGRP, NTP, and BGP Logging violations Incident response Physical security Written by Thomas Akin, an experienced Certified Information Systems Security Professional (CISSP) and Certified Cisco Academic Instructor (CCAI), the book is well organized, emphasizing practicality and a hands-on approach. At the end of each chapter, Akin includes a Checklist that summarizes the hardening techniques discussed in the chapter. The Checklists help you double-check the configurations you have been instructed to make, and serve as quick references for future security procedures.Concise and to the point, Hardening Cisco Routers supplies you with all the tools necessary to turn a potential vulnerability into a strength. In an area that is otherwise poorly documented, this is the one book that will help you make your Cisco routers rock solid.

The Illustrated Network

Blackjack-33

Pre-Incident Indicators of Terrorist Incidents

Network Warrior

Windows PowerShell Cookbook

MPLS in the SDN Era

Master building and integrating secure private networks using OpenVPN About This Book Discover how to configure and set up a secure OpenVPN Enhance user experience by using multiple authentication methods Delve into better reporting, monitoring, logging, and control with OpenVPN Who This Book Is For If you are familiar with TCP/IP networking and general system administration, then this book is ideal for you. Some knowledge and understanding of

core elements and applications related to Virtual Private Networking is assumed. What You Will Learn Identify different VPN protocols (IPSec, PPTP, OpenVPN) Build your own PKI and manage certificates Deploy your VPN on various devices like PCs, mobile phones, tablets, and more Differentiate between the routed and bridged network Enhance your VPN with monitoring and logging Authenticate against third-party databases like LDAP or the Unix password file Troubleshoot an OpenVPN setup that is not performing correctly In Detail Security on the internet is increasingly vital to both businesses and individuals. Encrypting network traffic using Virtual Private Networks is one method to enhance security. The internet, corporate, and "free internet" networks grow more hostile every day. OpenVPN, the most widely used open source VPN package, allows you to create a secure network across these systems, keeping your private data secure. The main advantage of using OpenVPN is its portability, which allows it to be embedded into several systems. This book is an advanced guide that will help you build secure Virtual Private Networks using OpenVPN. You will begin your journey with an exploration of OpenVPN, while discussing its modes of operation, its clients, its secret keys, and their format types. You will explore PKI: its setting up and working, PAM authentication, and MTU troubleshooting. Next, client-server mode is discussed, the most commonly used deployment model, and you will learn about the two modes of operation using "tun" and "tap" devices. The book then progresses to more advanced concepts, such as deployment scenarios in tun devices which will include integration with back-end authentication, and securing your OpenVPN server using iptables, scripting, plugins, and using OpenVPN on mobile devices and networks. Finally, you will discover the strengths and weaknesses of the current OpenVPN implementation, understand the future directions of OpenVPN, and delve into the troubleshooting techniques for OpenVPN. By the end of the book, you will be able to build secure private networks across the internet and hostile networks with confidence. Style and approach An easy-to-follow yet comprehensive guide to building secure Virtual Private Networks using OpenVPN. A progressively complex VPN design is developed with the help of examples. More advanced topics are covered in each chapter, with subjects grouped according to their complexity, as well as their utility.

Working with Microsoft's network directory service for the first time can be a headache for system and network administrators, IT professionals, technical project managers, and programmers alike. This authoritative guide is meant to relieve that pain. Instead of going through the graphical user interface screen by screen, O'Reilly's bestselling Active Directory tells you how to design, manage, and maintain a small, medium, or enterprise Active Directory infrastructure. Fully updated to cover Active Directory for Windows Server 2003 SP1 and R2, this third edition is full of important updates and corrections. It's perfect for all Active Directory administrators, whether you manage a single server or a global multinational with thousands of servers. Active Directory, 3rd Edition is divided into three parts. Part I introduces much of how Active Directory works, giving you a thorough grounding in its concepts. Some of the topics include Active Directory replication, the schema, application partitions, group policies, and interaction with DNS. Part II details the issues around properly designing the directory infrastructure. Topics include designing the namespace, creating a site topology, designing group policies for locking down client settings, auditing, permissions, backup and recovery, and a look at Microsoft's future direction with Directory Services. Part III covers how to create and manipulate users, groups, printers, and other objects that you may need in your everyday management of Active Directory. If you want a book that lays bare the design and management of an enterprise or departmental Active Directory, then look no further. Active Directory, 3rd Edition will quickly earn its place among the books you don't want to be without.

* Explores the architecture and data flow through a typical switch, including an analysis of switch fabric options

A guide to router configuration and the IOS operating system explores the Cisco user interface, configuring lines, access lists, routing protocols, dial-on-demand routing, and security issues.

Help for Network Administrators

Diary of a Navy Seal

Arista Products with a Focus on EOS

TCP/IP Network Administration

Navy SEALS in Vietnam

A Desktop Quick Reference for IOS on IP Networks

Thoroughly revised and expanded, this second edition adds sections on MPLS, Security, IPv6, and IP Mobility and presents solutions to the most common configuration problems.

"The 2nd Battalion of the 7th Cavalry had the dubious distinction of being the unit that had fought the biggest battle of the war to date, and had suffered the worst casualties. We and the 1st Battalion." A Yale graduate who volunteered to serve his country, Larry Gwin was only twenty-three years old when he arrived in Vietnam in 1965. After a brief stint in the Delta, Gwin was reassigned to the 1st Cavalry Division (Airmobile) in An Khe. There, in the hotly contested Central Highlands, he served almost nine months as executive officer for Alpha Company, 2/7, fighting against crack NVA troops in some of the war's most horrific battles. The bloodiest conflict of all began November 12, 1965, after 2nd Battalion was flown into the Ia Drang Valley west of Pleiku. Acting as point, Alpha Company spearheaded the battalion's march to landing zone Albany for pickup, not knowing they were walking into the killing zone of an NVA ambush that would cost them 10 percent casualties. Gwin spares no one, including himself, in his gut-wrenching account of the agony of war. Through the stench of death and the acrid smell of napalm, he chronicles the Vietnam War in all its nightmarish horror.

If you're ready to build a large network system, this handy excerpt from Ethernet: The Definitive Guide, Second Edition gets you up to speed on a basic building block: Ethernet switches. Whether you're working on an enterprise or campus network, data center, or Internet service provider network, you'll learn how Ethernet switches function and how they're used in network designs. This brief tutorial also provides an overview of the most important features found in switches, from the basics to more advanced features found in higher-cost and specialized switches. Get an overview of basic switch operation, the spanning tree protocol, and switch performance issues Learn about switch management and some of the most widely used switch features Discover how a hierarchical design can help maintain stable network operations Delve into special-purpose switches, such as multi-layer, access, stacking, and wireless access-point switches Learn about advanced switch features designed for specific networking environments Dive deeper into switches, with a list of protocol and package documentation

Arista Networks has become a key player in software-driven cloud networking solutions for large data center, storage, and computing environments, and is poised to make an impact in other areas as well. In this updated edition, renowned trainer, consultant, and technical author Gary A. Donahue (Network Warrior) provides an in-depth, objective guide to Arista's products. You'll learn why the company's network switches, software products, and Extensible Operating System (EOS) are so effective. Anyone who has or is pursuing networking certification (especially Arista's own!) or who is just curious about why Arista is better will benefit from this book, especially entrenched administrators, engineers, or architects tasked with building an Arista network. Pick up this in-depth guide and find out how Arista can help both you and your company. Topics in the second edition include: Configuration Management: config sessions, config replace, and config checkpoints CloudVision: Arista's management, workload orchestration, workflow automation, and configuration tool VXLAN: Layer 2 overlay networking FlexRoute: two million routes in hardware Tap Aggregation: make your switch or blade into a Tap Aggregation device Advanced Mirroring: mirror to a port-channel or even the CPU eAPI: Arista's fabulous extended Application Programmable Interface

Designing Fine-Grained Systems

The Definitive Guide
BGP
A Firsthand Account of the Vietnam War
Cisco IOS in a Nutshell
Building Reliable Networks with the Border Gateway Protocol
A guide to computer networks cover such topics as hubs and switches, trunking, routers, telecom, firewalls, server load balancing, and network design.

One of history's most multifaceted rulers but little known in the West, Queen Njinga rivaled Elizabeth I and Catherine the Great in political cunning and military prowess. Today, she is revered in Angola as a heroine and honored in folk religions. Her complex legacy forms a crucial part of the collective memory of the Afro-Atlantic world.

Annotation Over the past 10 years, distributed systems have become more fine-grained. From the large multi-million line long monolithic applications, we are now seeing the benefits of smaller self-contained services. Rather than heavy-weight, hard to change Service Oriented Architectures, we are now seeing systems consisting of collaborating microservices. Easier to change, deploy, and if required retire, organizations which are in the right position to take advantage of them are yielding significant benefits. This book takes an holistic view of the things you need to be cognizant of in order to pull this off. It covers just enough understanding of technology, architecture, operations and organization to show you how to move towards finer-grained systems.

"You have to react instinctively. In this game there's no second place, only the quick and the dead." In Vietnam, Mobile Guerrilla Force conducted unconventional operations against the Viet Cong and North Vietnamese Army. Armed with silencer-equipped MK-II British Sten guns, M-16s, M-79s, and M-60 machine guns, the men of the Mobile Guerrilla Force operated in the steamy, triple-canopy jungle owned by the NVA and VC, destroying base camps, ambushing patrols, and gathering the intelligence that General Westmoreland desperately needed. In 1967, James Donahue was a Special Forces medic and assistant platoon leader assigned to the Mobile Guerrilla Force and their fiercely anti-Communist Cambodian freedom fighters. Their mission: to locate the 271st Main Force Viet Cong Regiment so they could be engaged and destroyed by the 1st Infantry Division. Now, with the brutal, unflinching honesty only an eye witness could possess, Donahue relives the adrenaline rush of firefights, air strikes, human wave attacks, ambushes, and attacks on enemy base camps. Following the operation the surviving Special Forces members of the Mobile Guerrilla Force were decorated by Major General John Hay, Commanding General, 1st Infantry Division.

Time Management for System Administrators
Merchants of Doubt
The Complete Guide to LAN Switching Technology
Baji Rao: The Warrior Peshwa
Exploring the Network Layer
Skills for the Next-Generation Network Engineer
Peshwa Baji Rao, the great Maratha general and statesman, changed the map of India in the mid eighteenth century.His military campaigns were classic examples of his genius. In the mayhem of the religious intolerance continued by the tottering Mughals after Aurangzeb, Baji Rao stood out as the champion of Hinduism. He conquered Gujarat and most of central India and even shook the foundations of the Mughal Empire by attacking imperial Delhi. Though he had sworn to plant his flag on the Indus, death robbed him of this honour. His sons, however, fulfilled their father's pledge. After driving the Afghans out of the Punjab, they raised the swallow-tailed flag not just on the walls of Attock, but even beyond.

Take an in-depth tour of core Internet protocols and learn how they work together to move data packets from one network to another. With this concise book, you'll delve into the aspects of each protocol, including operation basics and security risks, and learn the function of network hardware such as switches and routers. Ideal for beginning network engineers, each chapter in this book includes a set of review questions, as well as practical, hands-on lab exercises. Understand basic network architecture, and how protocols and functions fit togetherLearn the structure and operation of the Eth.

Building Microservices
Interoperable Scenarios to Make Networks Scale to New Services
Ethernet Switches
Hardening Cisco Routers
Arista Warrior