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This book has two objectives--to provide a comprehensive reference on using XML with Python; and to illustrate the practical applications of these technologies in an enterprise environment with examples. Firewalls, Network Address Translation (NAT), network logging and accounting are all provided by Linux's Netfilter system, also known by the name of the command used to administer it, iptables. The iptables interface is the most sophisticated ever offered on Linux and makes Linux an extremely flexible system for any kind of network filtering you might do. Large sets of filtering rules can be grouped in ways that makes it easy to test them and turn them on and off. Do you watch for all types of ICMP traffic--some of them quite dangerous? Can you take advantage of stateful filtering to simplify the management of TCP connections? Would you like to track how much traffic of various types you get? This pocket reference will help you at those critical moments when someone asks you to open or close a port in a hurry, either to enable some important traffic or to block an attack. The book will keep the subtle syntax straight and help you remember all the values you have to enter in order to be as secure as possible. The book has an introductory section that describes applications, followed by a reference/encyclopaedic section with all the matches and targets arranged alphabetically. More often than not, the words "sendmail configuration" strike dread in the hearts of sendmail and system administrators--and not without reason. sendmail configuration languages are as complex as any other programming languages, but used much more infrequently--only when sendmail is installed or configured. The average system administrator doesn't get enough practice to truly master this inscrutable technology. Fortunately, there's help. The sendmail Cookbook provides step-by-step solutions for the administrator who needs to solve configuration problems fast. Say you need to configure sendmail to relay mail for your clients without creating an open relay that will be abused by spammers. A recipe in the Cookbook shows you how to do just that. No more wading through pages of dense documentation and tutorials and creating your own custom solution--just go directly to the recipe that addresses your specific problem. Each recipe in the sendmail Cookbook outlines a configuration problem, presents the configuration code that solves that problem, and then explains the code in detail. The discussion of the code is critical because it provides the insight you need to tweak the code for your own circumstances. The sendmail Cookbook begins with an overview of the configuration languages, offering a quick how-to for downloading and compiling the sendmail distribution. Next, you'll find a baseline configuration recipe upon which many of the subsequent configurations, or recipes, in the book are based. Recipes in the following chapters stand on their own and offer solutions for properly configuring important sendmail functions such as: Delivering and forwarding mail Relaying Masquerading Routing mail Controlling spam Strong authentication Securing the mail transport Managing the queue Securing sendmail sendmail Cookbook is more than just a new approach to discussing sendmail configuration. The book also provides lots of new material that doesn't get much coverage elsewhere--STARTTLS and AUTH are given entire chapters, and LDAP is covered in recipes throughout the book. But most of all, this book is about saving time--something that most system administrators have in short supply. Pick up the sendmail Cookbook and say good-bye to sendmail dread. Portable and precise, this pocket-sized guide delivers ready answers for core configuration and administrative tasks in Windows 8.1. Zero in on the essentials through quick-reference tables, instructions, and lists. You'll get the focused information you need to save time and get the job done - whether at your desk or in the field. Coverage includes: Configuring and optimizing Windows 8.1 computers Customizing the desktop and interface Configuring user and computer policies Automating configuration Managing user access and security features Installing and maintaining programs Managing hardware devices and drivers Handling maintenance and support tasks This introduction to networking on Linux now covers firewalls, including the use of ipchains and Netfilter, masquerading, and accounting. Other new topics in this second edition include Novell (NCP/IPX) support and INN (news administration). A guide geared toward seasoned Linux and Unix administrators offers practical knowledge for managing a range of Linux systems and servers, covering such topics as installing servers, setting up e-mail systems, and creating shell scripts. Essential System Administration, 3rd Edition is the definitive guide for Unix system administration, covering all the fundamental and essential tasks required to run such divergent Unix systems as AIX, FreeBSD, HP-UX, Linux, Solaris, Tru64 and more. Essential System Administration provides a clear, concise, practical guide to the real-world issues that anyone responsible for a Unix system faces daily. The new edition of this indispensable reference has been fully updated for all the latest operating systems. Even more importantly, it has been extensively revised and expanded to consider the current system administrative topics that administrators need most. Essential System Administration, 3rd Edition covers: DHCP, USB devices, the latest automation tools, SNMP and network management, LDAP, PAM, and recent security tools and techniques. Essential System Administration is comprehensive. But what has made this book the guide system administrators turn to over and over again is not just the sheer volume of valuable information it provides, but the clear, useful way the information is presented. It discusses the underlying higher-level concepts, but it also provides the details of the procedures needed to carry them out. It is not organized around the features of the Unix operating system, but around the various facets of a system administrator's job. It describes all the usual administrative tools that Unix provides, but it also shows how to use them intelligently and efficiently. Whether you use a standalone Unix system, routinely provide administrative support for a larger shared system, or just want an understanding of basic administrative functions, Essential System Administration is for you. This comprehensive and invaluable book combines the author's years of practical experience with technical expertise to help you manage Unix systems as productively and painlessly as possible. Portable and precise, this pocket-sized guide delivers immediate answers for the day-to-day administration of Windows 7--from desktop configuration and management to networking and security issues. Zero in on core support and maintenance tasks by using quick-reference tables, instructions, and lists. You'll get the precise information you need to solve problems and get the job done--whether at your desk or in the field! A little book that's big on information, the Architect's Legal Pocket Book is the definitive reference on legal issues for architects and architectural students. This handy pocket guide covers key legal principles which will help you to quickly understand the law and where to go for further information. Now in a fully updated new edition, this bestselling book covers a wide range of subjects focused on the UK including building legislation, negligence, liability, planning policy and development, listed buildings, party wall legislation, and rights of light. This edition also contains greater coverage of contracts including the RIBA contracts, dispute resolution and legal issues in professional practice. Illustrated with clear diagrams and featuring key cases, this is an invaluable source of

practical information and a comprehensive guide of the current law for architects. It is a book no architect should be without. Lotus Domino is an enterprise mail server and workflow application environment, as well as a secure application and web server. With over 55 million seats worldwide, Domino provides a strong foundation for messaging and web applications. Lotus Domino R5 has been expanded to interact with most browsers and other non-Notes clients, so you can choose your favorite language to design web applications. With R5, you can also centrally modify client configurations instead of hopping from one terminal to the next throughout the company. All this capability implies complexity, and it's easy to, forget which menu you need. Here's where Lotus Domino Administration in a Nutshell can help. It's a quick reference you'll turn to again and again to find solutions to your organization's administrative problems. This book includes coverage of:

- The Domino architecture and key concepts
- Domino directories
- Database properties and access control
- Domino as a mail and web server
- R5 administration tools
- Monitoring Domino
- Supporting the Notes client
- Configuring Domino Enterprise Connection Services (DECS)
- Domino for IIS
- The Internet Cluster Manager
- R4/R5 coexistence
- Server tasks, and console commands
- NOTES.INI reference

Whether you're looking to change messaging servers, modify your administration tasks to a simpler and more efficient level, or ensure the security and flexibility of your web application server, Lotus Domino Administration in a Nutshell will give you the everyday help you need to make the most of this reliable and scalable integrated server platform. Portable and precise, this pocket-sized guide delivers ready answers for automating everyday system-administration tasks with Windows PowerShell. Zero in on core commands and techniques using quick-reference tables, instructions, and lists. You'll get the focused information you need to save time and get the job done—whether at your desk or in the field. Get fast facts to: Run core cmdlets—singly or in sequence—to streamline daily tasks Execute remote commands and background jobs Inventory computers; tweak configurations; manage domains Configure server roles, role services, and features Manage and troubleshoot TCP/IP networking Administer file systems, directories, and print services Implement security settings, event logs, and auditing Read and write registry values Automate system monitoring and performance tuning Extend Windows PowerShell with snap-ins and module extensions If you're a Unix system administrator, then the information you need every day just to get your job done could fill a book--a very large book. But, practically speaking, you don't want to stop and thumb through a weighty volume each time a problem arises. Your answer is the Essential System Administration Pocket Reference, the only system administration reference that fits in your pocket. Concise and easy-to-use, this little book is the portable companion to the classic Essential System Administration by Aileen Frisch. The Essential System Administration Pocket Reference is a quick reference to all the fundamental and essential tasks required to run such divergent Unix systems as Solaris, Linux, AIX, BSD, SuSe, Red Hat, and more. Beginners and experienced administrators alike will quickly be able to apply its principles and advice to solve everyday problems. The book is divided into three parts: Commands, Syntax and Their Applications, Configuration Files and Formats, and Operating System Specific Information. The information in this book is a must-have for any administrator or user of a Unix system. O'Reilly's Pocket References have become a favorite among technology professionals everywhere. By providing a wealth of important details in a concise, well-organized format, these handy books deliver just what you need to complete the task at hand. When you've reached a sticking point and need to get to a solution quickly, the new Essential System Administration Pocket Reference is the book you'll want to have. Portable and precise, this pocket-sized guide delivers immediate answers for the day-to-day administration of Active Directory in Windows Server 2008. Zero in on core support and maintenance tasks using quick-reference tables, instructions, and lists. You'll get the focused information you need to solve problems and get the job done—whether at your desk or in the field! Get fast facts to: Install forests, domain trees, and child domains Add and remove writable domain controllers and deploy read-only controllers Configure, maintain, and troubleshoot global catalog servers Maintain directory and data integrity using operations masters Evaluate sites, subnets, and replication before expanding a network Establish a trust relationship between domains and between forests Maintain and recover Active Directory Domain Services Employ essential command-line utilities The Unix for Oracle DBAs Pocket Reference puts within easy reach the commands that Oracle database administrators need most when operating in a Unix environment. If you are an Oracle DBA moving to Unix from another environment such as Windows NT or IBM Mainframe, you know that these commands are far different from those covered in most beginning Unix books. To jump start your learning process, Don Burleson has gathered together in this succinct book the Unix commands he most often uses when managing Oracle databases. You'll be able to reach into your pocket for the answer when you need to know how to: Display all Unix components related to Oracle, identify the top CPU consumers on your server, and even kill processes when necessary Stack Unix commands into powerful scripts that can perform vital DBA functions Monitor Unix filesystems, and automatically manage your trace files, dump files, and archived redo log files Use essential server monitoring commands such as top, sar, and vmstat And there's much more between these covers. If you need to get up to speed with Oracle on Unix, and quickly, this book is for you. Newnes UNIX Pocket Book, now extensively updated in its third edition, is the essential companion for users wanting to get to grips with the UNIX system and its facilities. Based on the two main implementations - System V and the Berkely enhancements - this book covers all the systems administration functions that are essential to the system's maintenance as well as basic commands and configurations. Several new topics are added including chapters on networking and the Korn shell, using the Linux release, and using X windows. Best seller in the pocket book range Thoroughly updated Unique handy reference for all UNIX users and programmers The Pocket Book is for use by doctors nurses and other health workers who are responsible for the care of young children at the first level referral hospitals. This second edition is based on evidence from several WHO updated and published clinical guidelines. It is for use in both inpatient and outpatient care in small hospitals with basic laboratory facilities and essential medicines. In some settings these guidelines can be used in any facilities where sick children are admitted for inpatient care. The Pocket Book is one of a series of documents and tools that support the Integrated Managem. Portable and precise, this pocket-sized guide delivers immediate answers for the day-to-day administration of Web servers running Microsoft Internet Information Services (IIS) 6.0. Zero in on core IIS support procedures and everyday tasks using quick-reference tables, step-by-step instructions, and lists. You get the focused, streamlined information you need to solve problems and get the job done—whether you're at your desk or in the field! Get fast facts to: Install Web and application server components Learn core techniques for managing IIS Configure Web sites, servers, and virtual directories Customize Web content, including error messages and redirection Manage Web applications, application pools, and Microsoft ASP.NET Configure SMTP, POP3, and advanced messaging options Implement security features—permissions, certificates, SSL Monitor and optimize IIS performance Manage IIS backups and metabase configurations A primer for C programmers transitioning to C++ and designed to get users up to speed quickly, this book tells users just what they need to learn first. Covering a subset of the features of C++, the user can actually use this subset to get familiar with the basics of the language. The book includes sidebars that give overviews of advanced features not covered. This book introduces embedded systems to C and C++ programmers. Topics include testing memory devices, writing and erasing flash memory, verifying nonvolatile memory contents, controlling on-chip peripherals, device driver design and implementation, and more. Early system administration required in-depth knowledge of a variety of services on individual systems. Now, the job is increasingly complex and different from one company to the next with an ever-growing list of technologies and third-party services to integrate. How does any one individual stay relevant in systems and services? This practical guide helps anyone in operations--sysadmins, automation engineers, IT professionals, and site reliability engineers--understand the essential concepts of the role today. Collaboration, automation, and the evolution of systems change the fundamentals of operations work. No matter where you are in your journey, this book provides you the information to craft your path to advancing essential system administration skills. Author Jennifer Davis provides examples of modern practices and tools with recommended materials to advance your skills. Topics include: Development and testing: Version control, fundamentals of virtualization and containers, testing, and architecture review Deploying and configuring services: Infrastructure management, networks, security, storage, serverless, and release management Scaling administration: Monitoring and observability, capacity planning, log management and analysis, and security and compliance Ideal at the desk or as a portable reference for the office, this book provides database administrators with hands-on reference needed to solve problems with a concise, direct approach, and delivers quick reference support for infrequently used steps and hands-on tasks. "As this book shows, Linux systems are just as functional, secure, and reliable as their proprietary counterparts. Thanks to the ongoing efforts of thousands of Linux developers, Linux is more ready than ever for deployment at the frontlines of the real world. The authors of this book know that terrain well, and I am happy to leave you in their most capable hands." -Linus Torvalds

“The most successful sysadmin book of all time—because it works!” –Rik Farrow, editor of ;login: “This book clearly explains current technology with the perspective of decades of experience in large-scale system administration. Unique and highly recommended.” –Jonathan Corbet, cofounder, LWN.net “Nemeth et al. is the overall winner for Linux administration: it’s intelligent, full of insights, and looks at the implementation of concepts.” –Peter Salus, editorial director, Matrix.net Since 2001, Linux Administration Handbook has been the definitive resource for every Linux® system administrator who must efficiently solve technical problems and maximize the reliability and performance of a production environment. Now, the authors have systematically updated this classic guide to address today’s most important Linux distributions and most powerful new administrative tools. The authors spell out detailed best practices for every facet of system administration, including storage management, network design and administration, web hosting, software configuration management, performance analysis, Windows interoperability, and much more. Sysadmins will especially appreciate the thorough and up-to-date discussions of such difficult topics such as DNS, LDAP, security, and the management of IT service organizations. Linux® Administration Handbook, Second Edition, reflects the current versions of these leading distributions: Red Hat® Enterprise Linux® Fedora™ Core SUSE® Linux Enterprise Debian® GNU/Linux Ubuntu® Linux Sharing their war stories and hard-won insights, the authors capture the behavior of Linux systems in the real world, not just in ideal environments. They explain complex tasks in detail and illustrate these tasks with examples drawn from their extensive hands-on experience. Exim delivers electronic mail, both local and remote. It's the default mail transport agent installed on some Linux systems; it runs on many versions of Unix and is suitable for any TCP/IP network with any combination of hosts and end-user mail software. Exim is growing in popularity because it's open source, scalable, and rich in features. These include compatibility with sendmail options, database lookups, support for regular expressions and many kinds of address parsing, sophisticated error handling, and parameters for improving performance. Best of all, Exim is easy to configure. You never have to deal with ruleset 3 or worry that a misplaced asterisk will cause an inadvertent mail bomb. Philip Hazel, the creator of Exim, is the author of this official guide, designed for access to quick information when you're in a hurry as well as thorough coverage of more advanced material. The Essential System Administration Pocket Reference is a quick reference to all the fundamental and essential tasks required to run such divergent Unix systems as Solaris, Linux, AIX, BSD, SuSe, Red Hat, and more. Beginners and experienced administrators alike will quickly be able to apply its principles and advice to solve everyday problems. The book is divided into three parts: Commands, Syntax and Their Applications, Configuration Files and Formats, and Operating System Specific Information. The information in this book is a must-have for any administrator or user of a Unix system. It’s simple: if you want to interact deeply with Mac OS X, Linux, and other Unix-like systems, you need to know how to work with the Bash shell. This concise little book puts all of the essential information about Bash right at your fingertips. You’ll quickly find answers to the annoying questions that generally come up when you’re writing shell scripts: What characters do you need to quote? How do you get variable substitution to do exactly what you want? How do you use arrays? Updated for Bash version 4.4, this book has the answers to these and other problems in a format that makes browsing quick and easy. Topics include: Invoking the shell Syntax Functions and variables Arithmetic expressions Command history Programmable completion Job control Shell options Command execution Coprocesses Restricted shells Built-in commands Packed with practical examples, this concise, pocket-sized reference delivers ready answers for using Microsoft Windows command-line tools to manage multiple clients and servers, perform bulk operations, and get more done in less time. This pocket book contains up-to-date clinical guidelines, based on available published evidence by subject experts, for both inpatient and outpatient care in small hospitals where basic laboratory facilities and essential drugs and inexpensive medicines are available. It is for use by doctors, senior nurses and other senior health workers who are responsible for the care of young children at the first referral level in developing countries. In some settings, these guidelines can be used in the larger health centres where a small number of sick children can be admitted for inpatient care. The Unified Modeling Language (UML) is one of the most important languages for anyone in the software industry to know. The UML is a visual language enabling architects, designers, and developers to communicate about design. Seemingly simple on the surface, the UML is a rich and expressive language, with many visual syntactical elements. It's next to impossible to memorize all aspects of the UML. Just as a writer might require a dictionary to work with the spoken word, so too do UML practitioners require a dictionary of sorts. In this book, you'll find information on UML usage, and also on the symbols, line-endings, and syntax used for the following diagram types: Class diagrams Component diagrams Behavioral diagrams Sequence diagrams Statechart diagrams Object diagrams Deployment diagrams Use case diagrams Collaboration diagrams Activity diagrams Let this book be your UML dictionary. It's clear, concise, and small. Keep this book at hand, and never again be stymied by an unfamiliar UML symbol, a line-ending you don't recognize, or the use of an unfamiliar diagram type. O'Reilly's Pocket References have become a favorite among programmers everywhere. By providing a wealth of important details in a concise, well-organized format, these handy books deliver just what you need to complete the task at hand. When you need to get to a solution quickly, the new UML Pocket Reference is the book you'll want to have. O'Reilly's Pocket Guides have earned a reputation as inexpensive, comprehensive, and compact guides that have the stuff but not the fluff. Every page of Linux Pocket Guide lives up to this billing. It clearly explains how to get up to speed quickly on day-to-day Linux use. Once you're up and running, Linux Pocket Guide provides an easy-to-use reference that you can keep by your keyboard for those times when you want a fast, useful answer, not hours in the man pages. Linux Pocket Guide is organized the way you use Linux: by function, not just alphabetically. It's not the 'bible of Linux; it's a practical and concise guide to the options and commands you need most. It starts with general concepts like files and directories, the shell, and X windows, and then presents detailed overviews of the most essential commands, with clear examples. You'll learn each command's purpose, usage, options, location on disk, and even the RPM package that installed it. The Linux Pocket Guide is tailored to Fedora Linux--the latest spin-off of Red Hat Linux--but most of the information applies to any Linux system. Throw in a host of valuable power user tips and a friendly and accessible style, and you'll quickly find this practical, to-the-point book a small but mighty resource for Linux users. Data pipelines are the foundation for success in data analytics. Moving data from numerous diverse sources and transforming it to provide context is the difference between having data and actually gaining value from it. This pocket reference defines data pipelines and explains how they work in today's modern data stack. You'll learn common considerations and key decision points when implementing pipelines, such as batch versus streaming data ingestion and build versus buy. This book addresses the most common decisions made by data professionals and discusses foundational concepts that apply to open source frameworks, commercial products, and homegrown solutions. You'll learn: What a data pipeline is and how it works How data is moved and processed on modern data infrastructure, including cloud platforms Common tools and products used by data engineers to build pipelines How pipelines support analytics and reporting needs Considerations for pipeline maintenance, testing, and alerting If you're a Unix system administrator, then the information you need every day just to get your job done could fill a book--a very large book. But, practically speaking, you don't want to stop and thumb through a weighty volume each time a problem arises. Your answer is the Essential System Administration Pocket Reference, the only system administration reference that fits in your pocket. Concise and easy-to-use, this little book is the portable companion to the classic Essential System Administration by Aileen Frisch. The Essential System Administration Pocket Reference is a quick reference to all the fundamental and essential tasks required to run such divergent Unix systems as Solaris, Linux, AIX, BSD, SuSe, Red Hat, and more. Beginners and experienced administrators alike will quickly be able to apply its principles and advice to solve everyday problems. The book is divided into three parts: Commands, Syntax and Their Applications, Configuration Files and Formats, and Operating System Specific Information. The information in this book is a must-have for any administrator or user of a Unix system. O'Reilly's Pocket References have become a favorite among technology professionals everywhere. By providing a wealth of important details in a concise, well-organized format, these handy books deliver just what you need to complete the task at hand. When you've reached a sticking point and need to get to a solution quickly, the new Essential System Administration Pocket Reference is the book you'll want to have. Now updated for Windows Server 2008 R2, this practical, portable guide delivers ready answers for the day-to-day administration of Windows Server 2008. It includes coverage of Windows Server 2008 R2 enhancements, including Hyper-V with Live Migration, Direct Access Infrastructure, Branch Cache, Windows PowerShell 2.0, the new Active Directory console, and more. Zero in on core support and administration tasks using quick-reference tables, instructions, and lists. You'll get the focused information you need to solve problems and get the job done whether at your desk or in the field! Get fast facts to: Set up server roles and deploy Windows Server 2008 Configure and maintain Active Directory Create

user and group accounts; control rights and permissions Manage file systems, drives, and RAID arrays Configure TCP/IP networking and DHCP and DNS clients and servers Troubleshoot printers and print servers Monitor and tune network performance Prepare a disaster plan; back up and restore servers Portable and precise, this pocket-sized guide delivers ready answers for the day-to-day administration of Group Policy. Zero in on core support and maintenance tasks using quick-reference tables, instructions, and lists. You'll get the focused information you need to solve problems and get the job done—whether at your desk or in the field! Get fast facts to: Configure Local GPOs and Active Directory-based GPOs Manage policy preferences and settings Model policy changes through the console Migrate and maintain the SYSVOL Diagnose and troubleshoot replication issues Know when to enforce, block, or override inheritance Filter policy settings, search GPOs, and manage permissions Use Advanced Group Policy Management, including change control Manage operating system-specific deployment issues This pocket guide is the perfect on-the-job companion to Git, the distributed version control system. It provides a compact, readable introduction to Git for new users, as well as a reference to common commands and procedures for those of you with Git experience. Written for Git version 1.8.2, this handy task-oriented guide is organized around the basic version control functions you need, such as making commits, fixing mistakes, merging, and searching history. Examine the state of your project at earlier points in time Learn the basics of creating and making changes to a repository Create branches so many people can work on a project simultaneously Merge branches and reconcile the changes among them Clone an existing repository and share changes with push/pull commands Examine and change your repository's commit history Access remote repositories, using different network protocols Get recipes for accomplishing a variety of common tasks If you use Linux in your day-to-day work, this popular pocket guide is the perfect on-the-job reference. The second edition has expanded from Fedora-only coverage to distro-neutral, with practical information on a wider range of commands requested by readers. Linux Pocket Guide provides an organized learning path for Linux use, rather than Linux programming and system administration. You'll find options for the most useful commands, grouped by functionality. For novices who need to get up to speed on Linux use, and experienced users who want a concise and functional reference, this guide provides quick answers. A handy book for someone just starting with Unix or Linux, and an ideal primer for Mac and PC users of the Internet who need to know a little about Unix on the systems they visit. The most effective introduction to Unix in print, covering Internet usage for email, file transfers, web browsing, and many major and minor updates to help the reader navigate the ever-expanding capabilities of the operating system. Offering busy network administrators clear and concise information for daily on-the-job tasks, this handbook comes in a handy, portable format. A guide to Linux for system administrators covers such topics as user management, software, file systems, RAID and LVM, device files, modules, and kernel administration. "As an author, editor, and publisher, I never paid much attention to the competition—except in a few cases. This is one of those cases. The UNIX System Administration Handbook is one of the few books we ever measured ourselves against." —Tim O'Reilly, founder of O'Reilly Media "This edition is for those whose systems live in the cloud or in virtualized data centers; those whose administrative work largely takes the form of automation and configuration source code; those who collaborate closely with developers, network engineers, compliance officers, and all the other worker bees who inhabit the modern hive." —Paul Vixie, Internet Hall of Fame-recognized innovator and founder of ISC and Farsight Security "This book is fun and functional as a desktop reference. If you use UNIX and Linux systems, you need this book in your short-reach library. It covers a bit of the systems' history but doesn't bloviate. It's just straight-forward information delivered in a colorful and memorable fashion." —Jason A. Nunnelley UNIX® and Linux® System Administration Handbook, Fifth Edition, is today's definitive guide to installing, configuring, and maintaining any UNIX or Linux system, including systems that supply core Internet and cloud infrastructure. Updated for new distributions and cloud environments, this comprehensive guide covers best practices for every facet of system administration, including storage management, network design and administration, security, web hosting, automation, configuration management, performance analysis, virtualization, DNS, security, and the management of IT service organizations. The authors—world-class, hands-on technologists—offer indispensable new coverage of cloud platforms, the DevOps philosophy, continuous deployment, containerization, monitoring, and many other essential topics. Whatever your role in running systems and networks built on UNIX or Linux, this conversational, well-written guide will improve your efficiency and help solve your knottiest problems.

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