
Sudo Mastery User Access Control For Real People It Mastery Book 3

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Ed Mastery (Manly McManface Edition)

"O'Reilly Media, Inc."

With more than 600 security tools in its arsenal, the Kali Linux distribution can be overwhelming. Experienced and aspiring security professionals alike may find it challenging to select the most appropriate tool for conducting a given test. This practical book covers Kali's expansive security capabilities and helps you identify the tools you need to conduct a wide range of security tests and penetration tests.

You'll also explore the vulnerabilities that make those tests necessary. Author Ric Messier takes you through the foundations of Kali Linux and explains methods for conducting tests on networks, web applications, wireless security, password

vulnerability, and more. You'll discover different techniques for extending Kali tools and creating your own toolset. Learn tools for stress testing network stacks and applications Perform network reconnaissance to determine what's available to attackers Execute penetration tests using automated exploit tools such as Metasploit Use cracking tools to see if passwords meet complexity requirements Test wireless capabilities by injecting frames and cracking passwords Assess web application vulnerabilities with automated or proxy-based tools Create advanced attack techniques by extending Kali tools or developing your own Use Kali Linux to generate reports once testing is complete Sudo Mastery "O'Reilly Media, Inc."

This special limited edition celebrates the 20th anniversary of the profound text that inspired thousands of musicians to reach that place in their music where performance became as effortless as drawing a breath. The beautiful foil-embossed cover, added chapters and articles, and foreword and testimonials by Herb Alpert, Quincy Jones, and others make this edition a timeless collectible to be displayed and treasured for a lifetime.

Learning MySQL "O'Reilly Media, Inc."

Whether you're a veteran or an absolute n00b, this is the best place to start with Kali Linux, the security professional's platform of choice, and a truly industrial-grade, and world-class operating system

distribution-mature, secure, and enterprise-ready.

A comprehensive guide to installing, configuring, and maintaining Linux systems in the modern data center No Starch Press

You've experienced the shiny, point-and-click surface of your Linux computer—now dive below and explore its depths with the power of the command line. The Linux Command Line takes you from your very first terminal keystrokes to writing full programs in Bash, the most popular Linux shell. Along the way you'll learn the timeless skills handed down by generations of gray-bearded, mouse-shunning gurus: file navigation, environment configuration, command chaining, pattern matching with

regular expressions, and more. In addition to that practical knowledge, author William Shotts reveals the philosophy behind these tools and the rich heritage that your desktop Linux machine has inherited from Unix supercomputers of yore. As you make your way through the book's short, easily-digestible chapters, you'll learn how to:

- * Create and delete files, directories, and symlinks
- * Administer your system, including networking, package installation, and process management
- * Use standard input and output, redirection, and pipelines
- * Edit files with Vi, the world's most popular text editor
- * Write shell scripts to automate common or boring tasks
- * Slice and dice text files with cut, paste, grep, patch, and sed

Once you overcome your initial "shell shock," you'll find that the command line is a natural and expressive way to communicate with your computer. Just don't be surprised if your mouse starts to gather dust. A featured resource in the Linux Foundation's "Evolution of a SysAdmin"

SSH Mastery John Wiley & Sons
Presents instructions on using MySQL, covering such topics as installation, querying, user management, security, and backups and recovery.

Version Control with Git CreateSpace
With platforms designed for rapid adaptation and failure recovery such as Amazon Web Services, cloud computing is more like programming than traditional

system administration. Tools for automatic scaling and instance replacement allow even small DevOps teams to manage massively scalable application infrastructures—if team members drop their old views of development and operations and start mastering automation. This comprehensive guide shows developers and system administrators how to configure and manage AWS services including EC2, CloudFormation, Elastic Load Balancing, S3, and Route 53. Sysadmins will learn to automate their favorite tools and processes; developers will pick up enough ops knowledge to build a robust and resilient AWS application infrastructure. Launch instances with EC2 or CloudFormation Securely deploy and manage your applications with AWS tools

Learn to automate AWS configuration management with Python and Puppet Deploy applications with Auto Scaling and Elastic Load Balancing Explore approaches for deploying application and infrastructure updates Save time on development and operations with reusable components Learn strategies for managing log files in AWS environments Configure a cloud-aware DNS service with Route 53 Use AWS CloudWatch to monitor your infrastructure and applications

An Introduction to Professional C Programming Tilted Windmill Press

OpenBSD, the elegant, highly secure Unix-like operating system, is widely used as the basis for critical DNS servers, routers, firewalls, and more. This long-awaited second edition of Absolute OpenBSD maintains author Michael Lucas's trademark straightforward and

practical approach that readers have enjoyed for years. You'll learn the intricacies of the platform, the technical details behind certain design decisions, and best practices, with bits of humor sprinkled throughout. This edition has been completely updated for OpenBSD 5.3, including new coverage of OpenBSD's boot system, security features like W^X and ProPolice, and advanced networking techniques. You'll learn how to: –Manage network traffic with VLANs, trunks, IPv6, and the PF packet filter –Make software management quick and effective using the ports and packages system –Give users only the access they need with groups, sudo, and chroots –Configure OpenBSD's secure implementations of SNMP, DHCP, NTP, hardware sensors, and more –Customize the installation and upgrade processes for your network and hardware, or build a custom OpenBSD release Whether you're a new user

looking for a complete introduction to OpenBSD or an experienced sysadmin looking for a refresher, Absolute OpenBSD, 2nd Edition will give you everything you need to master the intricacies of the world's most secure operating system.

Eh "O'Reilly Media, Inc."

Modern cars are more computerized than ever. Infotainment and navigation systems, Wi-Fi, automatic software updates, and other innovations aim to make driving more convenient. But vehicle technologies haven't kept pace with today's more hostile security environment, leaving millions vulnerable to attack. The Car Hacker's Handbook will give you a deeper understanding of the computer systems and embedded software in modern vehicles. It begins

by examining vulnerabilities and providing detailed explanations of communications over the CAN bus and between devices and systems. Then, once you have an understanding of a vehicle's communication network, you'll learn how to intercept data and perform specific hacks to track vehicles, unlock doors, glitch engines, flood communication, and more. With a focus on low-cost, open source hacking tools such as Metasploit, Wireshark, Kayak, can-utils, and ChipWhisperer, The Car Hacker's Handbook will show you how to: –Build an accurate threat model for your vehicle –Reverse engineer the CAN bus to fake engine signals –Exploit vulnerabilities in diagnostic and data-

logging systems –Hack the ECU and other firmware and embedded systems –Feed exploits through infotainment and vehicle-to-vehicle communication systems –Override factory settings with performance-tuning techniques –Build physical and virtual test benches to try out exploits safely If you're curious about automotive security and have the urge to hack a two-ton computer, make The Car Hacker's Handbook your first stop.

Best Practices for Sysadmins in the Amazon Cloud Simon and Schuster Secure Shell (SSH) lets systems administrators securely manage remote systems. But most people only use the bare minimum SSH offers. Used

properly, SSH simplifies your job. This book saves you from sifting a decade of obsolete online tutorials and quickly gets you running: SSH with the OpenSSH server and the PuTTY and OpenSSH clients. You will: Eliminate passwords. Manage access to your SSH server by users, groups, addresses, and more Securely move files around your network Forward graphic displays from one host to another Forward TCP connections Centrally manage host keys and client configurations Use SSH as a secure transport for other applications Secure applications run over SSH Build Virtual Private Networks with OpenSSH And more! This book simplifies the work of anyone using SSH. Small enough to read and implement quickly, exhaustive enough to include everything most of us need plus a little more. Master SSH with SSH Mastery Zen Guitar No Starch Press Stop waiting for the network team! If basic TCP/IP was hard, network administrators couldn't do it. Servers give sysadmins a incredible visibility into the network-once they know how to unlock it. Most sysadmins don't need to understand window scaling, or the differences between IPv4 and IPv6 echo requests, or other intricacies of the TCP/IP protocols. You need only enough to deploy your own applications and get easy support from the network team. This book teaches you: ¿How

modern networks really work? The essentials of TCP/IP? The next-generation protocol, IPv6? The right tools to diagnose network problems, and how to use them? Troubleshooting everything from the physical wire to DNS? How to see the traffic you send and receive? Connectivity testing? How to communicate with your network team to quickly resolve problems? A systems administrator doesn't need to know the innards of TCP/IP, but knowing enough to diagnose your own network issues will transform a good sysadmin into a great one. Fungi are among the most networked creatures in the world. If a mushroom can do it, so can you!

The Practice of System and Network

Administration Tilted Windmill Press

This is the official guide and reference manual for Subversion 1.6 - the popular open source revision control technology.

SNMP Mastery Tilted Windmill Press

Squid is the most popular Web caching software in use today, and it works on a variety of platforms including Linux, FreeBSD, and Windows. Squid improves network performance by reducing the amount of bandwidth used when surfing the Web. It makes web pages load faster and can even reduce the load on your web server. By caching and reusing popular web content, Squid allows you to get by with smaller network connections. It also protects the host on your internal network by acting as a firewall and proxying your internal web traffic. You can use Squid to collect statistics about the traffic on your

network, prevent users from visiting inappropriate web sites at work or school, ensure that only authorized users can surf the Internet, and enhance your privacy by filtering sensitive information from web requests. Companies, schools, libraries, and organizations that use web-caching proxies can look forward to a multitude of benefits. Written by Duane Wessels, the creator of Squid, *Squid: The Definitive Guide* will help you configure and tune Squid for your particular situation. Newcomers to Squid will learn how to download, compile, and install code. Seasoned users of Squid will be interested in the later chapters, which tackle advanced topics such as high-performance storage options, rewriting requests, HTTP server acceleration, monitoring, debugging, and

troubleshooting Squid. Topics covered include: Compiling and installing Squid Running Squid Using Squid's sophisticated access controls Tuning disk storage for optimal performance Configuring your operating system for HTTP interception Forwarding Requests to other web caches Using redirectors to rewrite user requests Monitoring Squid with the cache manager and SNMP Using Squid to accelerate and protect HTTP servers Managing bandwidth consumption with Delay Pools
The Complete Guide to FreeBSD Packt Publishing Ltd

"I think we're gonna need a bigger web server." OpenBSD has a solid reputation for security and stability. It's well known for the OpenSMTPd mail server, the LibreSSL cryptography library, and the PF packet filter. But nobody ever talks about the load balancer,

or the web server. Until now. The httpd web server provides a fast, stable, secure environment for your web applications. The relayd load balancer lets you distribute Internet application load across multiple hosts. Between the two, you can slash hundreds of thousands of dollars off the cost of building, deploying, and managing applications. With Httpd and Relayd Mastery you'll learn how to:

- set up web sites
- configure software to run in a chroot
- run dozens or hundreds of sites on one host
- dynamically reconfigure sites with Lua patterns
- manage site logs
- maintain free, globally-valid SSL certificates
- improve performance with SSL stapling
- install and maintain two-server clusters
- distribute traffic between any number of hosts
- stop worrying about old SSL versions and bad crypto algorithms

Slash the amount of time you spend futzing with web servers. Get Httpd and Relayd Mastery today!

Online Backups for the Truly Paranoid

"O'Reilly Media, Inc."

By its very nature, Unix is a "power tools" environment. Even beginning Unix users quickly grasp that immense power exists in shell programming, aliases and history mechanisms, and various editing tools. Nonetheless, few users ever really master the power available to them with Unix. There is just too much to learn! Unix Power Tools, Third Edition, literally contains thousands of tips, scripts, and techniques that make using Unix easier, more effective, and even more fun. This book is organized into hundreds of short articles with plenty of references to other sections that keep you flipping from new article to new article. You'll find the book hard to put down as you uncover one interesting tip after another. With the growing popularity of Linux and the advent of Mac OS X, Unix has metamorphosed into something new and exciting. With Unix no longer perceived as a

difficult operating system, more and more users are discovering its advantages for the first time. The latest edition of this best-selling favorite is loaded with advice about almost every aspect of Unix, covering all the new technologies that users need to know. In addition to vital information on Linux, Mac OS X, and BSD, Unix Power Tools, Third Edition, now offers more coverage of bcash, zsh, and new shells, along with discussions about modern utilities and applications. Several sections focus on security and Internet access, and there is a new chapter on access to Unix from Windows, addressing the heterogeneous nature of systems today. You'll also find expanded coverage of software installation and packaging, as well as basic information on Perl and Python. The book's accompanying web site provides some of the best software available to Unix users, which you can download and add to your own set of power tools. Whether you are a newcomer or a Unix power user, you'll find yourself thumbing through the gold mine of information in this new edition of Unix Power Tools to add to your store of knowledge. Want to try something new? Check this book first, and you're sure to find a tip or trick that will prevent you from learning things the hard way.

PAM Mastery It Mastery
Sudo Mastery2nd EditionTilted Windmill Press
Absolute FreeBSD Addison-Wesley
Professional

Unix-like operating systems have a primitive access control system. The root account can do anything. Other users are peasants with only minimal system access. This worked fine in UNIX's youth, but today, system administration responsibilities are spread among many people and applications. Each person needs a tiny slice of root's power. Sudo lets you divide root's monolithic power

between the people who need it, with accountability and auditability. Sudo Mastery will teach you to: * design a sudo policy rather than slap rules together * simplify policies with lists and aliases * use non-Unix information sources in policies * configure alternate sudo policies * manage shell environments * verify system integrity and perform intrusion detection * have a common sudo policy across your server farm * manage sudo policies via LDAP * log and debug sudo * log and replay full sudo sessions * use authentication systems other than passwords While many people use sudo, most use only a small part of it's features. Chances are, you're doing it wrong. Master sudo with Sudo Mastery.

Hacking- The art Of Exploitation

Tilted Windmill Press

Pluggable Authentication Modules:

Threat or Menace? PAM is one of the

most misunderstood parts of systems administration. Many sysadmins live with authentication problems rather than risk making them worse. PAM's very nature makes it unlike any other Unix access control system. If you have PAM misery or PAM mysteries, you need PAM Mastery! With PAM Mastery, you'll understand: · the different versions of PAM · the intricacies of Linux-PAM and OpenPAM · how PAM policies make decisions · how to debug PAM · the most frequently seen PAM modules · Linux-PAM extended controls and substacks · time-based one-time passwords · using SSH keys for more than SSH · password quality testing · policies from CentOS, Debian, and

FreeBSD · and more! Transform PAM from a headache to an ally with PAM Mastery.

AWS System Administration No Starch Press
Get up to speed on Git for tracking, branching, merging, and managing code revisions. Through a series of step-by-step tutorials, this practical guide takes you quickly from Git fundamentals to advanced techniques, and provides friendly yet rigorous advice for navigating the many functions of this open source version control system. This thoroughly revised edition also includes tips for manipulating trees, extended coverage of the reflog and stash, and a complete introduction to the GitHub repository. Git lets you manage code development in a virtually endless variety of ways, once you understand how to harness the system's flexibility. This book shows you how. Learn how to use Git for several real-

world development scenarios Gain insight into Git's common-use cases, initial tasks, and basic functions Use the system for both centralized and distributed version control Learn how to manage merges, conflicts, patches, and diffs Apply advanced techniques such as rebasing, hooks, and ways to handle submodules Interact with Subversion (SVN) repositories—including SVN to Git conversions Navigate, use, and contribute to open source projects though GitHub

Mastering Linux Administration Sudo Mastery 2nd Edition

With 28 new chapters, the third edition of *The Practice of System and Network Administration* innovates yet again!

Revised with thousands of updates and clarifications based on reader feedback, this new edition also incorporates DevOps strategies even for non-DevOps

environments. Whether you use Linux, Unix, servers and mobile devices Service or Windows, this new edition describes the management: How to design, launch, essential practices previously handed down upgrade and migrate services Measurable only from mentor to protégé. This improvement: Assess your operational wonderfully lucid, often funny cornucopia of effectiveness; a forty-page, pain-free information introduces beginners to assessment system you can start using advanced frameworks valuable for their today to raise the quality of all services entire career, yet is structured to help even Design guides: Best practices for networks, experts through difficult projects. Other data centers, email, storage, monitoring, books tell you what commands to type. This backups and more Management skills: book teaches you the cross-platform Organization design, communication, strategies that are timeless! DevOps negotiation, ethics, hiring and firing, and techniques: Apply DevOps principles to more Have you ever had any of these enterprise IT infrastructure, even in problems? Have you been surprised to environments without developers Game- discover your backup tapes are blank? changing strategies: New ways to deliver Ever spent a year launching a new service results faster with less stress Fleet only to be told the users hate it? Do you management: A comprehensive guide to have more incoming support requests than managing your fleet of desktops, laptops, you can handle? Do you spend more time

fixing problems than building the next awesome thing? Have you suffered from a botched migration of thousands of users to a new service? Does your company rely on a computer that, if it died, can't be rebuilt? Is your network a fragile mess that breaks any time you try to improve it? Is there a periodic "hell month" that happens twice a year? Twelve times a year? Do you find out about problems when your users call you to complain? Does your corporate "Change Review Board" terrify you? Does each division of your company have their own broken way of doing things? Do you fear that automation will replace you, or break more than it fixes? Are you underpaid and overworked? No vague "management speak" or empty platitudes. This comprehensive guide provides real

solutions that prevent these problems and more!

Debian Jessie From Discovery To Mastery "O'Reilly Media, Inc."

Sudo: You're Doing It Wrong Unix-like operating systems use a rudimentary access control system: the root account can do anything, while other users are peasants with only minimal access. This worked fine in UNIX's youth, but now that sysadmin responsibilities are spread among many people and applications, many people need a tiny slice of root's power. Sudo lets you divide root's monolithic power between the people who need it with accountability and auditability. Sudo Mastery will teach you to: · design a secure sudo policy · simplify policies with lists and aliases · manage shell

environments · verify system integrity via
intrusion detection · deploy a single sudo
policy across your enterprise · manage
sudo policies via LDAP · log and debug
sudo · record and replay full sudo sessions
· use authentication systems other than
passwords Master sudo with Sudo Mastery!