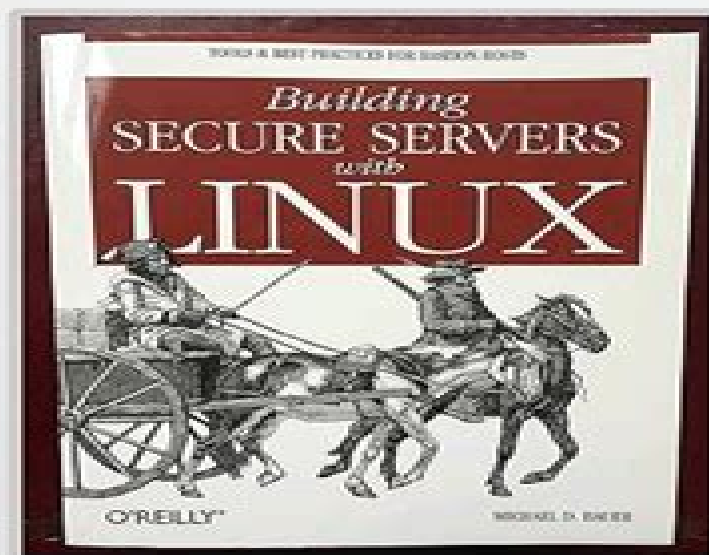


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Building Secure Servers With Linux:

Building Secure Servers With Linux Michael D. Bauer, 2002-10-01 Building Secure Servers with Linux will help you master the principles of reliable system and network security by combining practical advice with a firm knowledge of the technical tools needed to ensure security The book focuses on the most common use of Linux as a hub offering services to an organization or the larger Internet The book does not cover firewalls but covers the more common situation where an organization protects its hub using other systems as firewalls often proprietary firewalls Writing for Linux users with little security expertise the author explains security concepts and techniques in clear language beginning with the fundamentals An all inclusive resource for Linux users who wish to harden their systems the book covers general security as well as key services such as DNS the Apache Web server mail file transfer and secure shell With this book in hand you ll have everything you need to ensure robust security of your Linux system

Building Secure Servers with Linux Michael D. Bauer, 2002 Linux consistently turns up high in the list of popular Internet servers whether it s for the Web anonymous FTP or general services like DNS and routing mail But security is uppermost on the mind of anyone providing such a service Any server experiences casual probe attempts dozens of time a day and serious break in attempts with some frequency as well As the cost of broadband and other high speed Internet connectivity has gone down and its availability has increased more Linux users are providing or considering providing Internet services such as HTTP Anonymous FTP etc to the world at large At the same time some important powerful and popular Open Source tools have emerged and rapidly matured some of which rival expensive commercial equivalents making Linux a particularly appropriate platform for providing secure Internet services Building Secure Servers with Linux will help you master the principles of reliable system and network security by combining practical advice with a firm knowledge of the technical tools needed to ensure security The book focuses on the most common use of Linux as a hub offering services to an organization or the larger Internet and shows readers how to harden their hosts against attacks Author Mick Bauer a security consultant network architect and lead author of the popular Paranoid Penguin column in Linux Journal carefully outlines the security risks defines precautions that can minimize those risks and offers recipes for robust security The book does not cover firewalls but covers the more common situation where an organization protects its hub using other systems as firewalls often proprietary firewalls The book includes Precise directions for securing common services including the Web mail DNS and file transfer Ancillary tasks such as hardening Linux using SSH and certificates for tunneling and using iptables for firewalling Basic installation of intrusion detection tools Writing for Linux users with little security expertise the author explains security concepts and techniques in clear language beginning with the fundamentals Building Secure Servers with Linux provides a unique balance of big picture principles that transcend specific software packages and version numbers and very clear procedures on securing some of those software packages An all inclusive resource for Linux users who wish to harden their systems the book covers general security as well as key services

such as DNS the Apache Web server mail file transfer and secure shell With this book in hand you ll have everything you need to ensure robust security of your Linux system **Running Linux** Matt Welsh,2003 Welsh s guide has everything users need to understand install and start using the Linux operating system New topics covered include laptops cameras scanners sound multimedia and more **Network Security Hacks** Andrew Lockhart,2006-10-30 In the fast moving world of computers things are always changing Since the first edition of this strong selling book appeared two years ago network security techniques and tools have evolved rapidly to meet new and more sophisticated threats that pop up with alarming regularity The second edition offers both new and thoroughly updated hacks for Linux Windows OpenBSD and Mac OS X servers that not only enable readers to secure TCP IP based services but helps them implement a good deal of clever host based security techniques as well This second edition of Network Security Hacks offers 125 concise and practical hacks including more information for Windows administrators hacks for wireless networking such as setting up a captive portal and securing against rogue hotspots and techniques to ensure privacy and anonymity including ways to evade network traffic analysis encrypt email and files and protect against phishing attacks System administrators looking for reliable answers will also find concise examples of applied encryption intrusion detection logging trending and incident response In fact this roll up your sleeves and get busy security book features updated tips tricks techniques across the board to ensure that it provides the most current information for all of the major server software packages These hacks are quick clever and devilishly effective **Linux Server Security** Michael D. Bauer,2005 A concise but comprehensive guide to providing the best possible security for a server with examples and background to help you understand the issues involved For each of the tasks or services covered this book lays out the reasons for security the risks and needs involved the background to understand the solutions and step by step guidelines for doing the job **Even Grues Get Full** JD Frazer,Illiad,2003-08-26 User Friendly comics feature the staff of the fictional Columbia Internet ISP as they cope with hapless computer users their bosses marketing staff their fellow techies and the occasional visits from Cthulu Mr Cola and the Dust Puppy **Secure Coding** Mark Graff,Kenneth R. Van Wyk,2003 The authors look at the problem of bad code in a new way Packed with advice based on the authors decades of experience in the computer security field this concise and highly readable book explains why so much code today is filled with vulnerabilities and tells readers what they must do to avoid writing code that can be exploited by attackers Writing secure code isn t easy and there are no quick fixes to bad code To build code that repels attack readers need to be vigilant through each stage of the entire code lifecycle Architecture Design Implementation Testing and Operations Beyond the technical Secure Coding sheds new light on the economic psychological and sheer practical reasons why security vulnerabilities are so ubiquitous today It presents a new way of thinking about these vulnerabilities and ways that developers can compensate for the factors that have produced such unsecured software in the past **Mastering FreeBSD and OpenBSD Security** Yanek Korff,Paco Hope,Bruce Potter,2005-03-24 FreeBSD and OpenBSD are increasingly

gaining traction in educational institutions non profits and corporations worldwide because they provide significant security advantages over Linux Although a lot can be said for the robustness clean organization and stability of the BSD operating systems security is one of the main reasons system administrators use these two platforms There are plenty of books to help you get a FreeBSD or OpenBSD system off the ground and all of them touch on security to some extent usually dedicating a chapter to the subject But as security is commonly named as the key concern for today s system administrators a single chapter on the subject can t provide the depth of information you need to keep your systems secure FreeBSD and OpenBSD are rife with security building blocks that you can put to use and Mastering FreeBSD and OpenBSD Security shows you how Both operating systems have kernel options and filesystem features that go well beyond traditional Unix permissions and controls This power and flexibility is valuable but the colossal range of possibilities need to be tackled one step at a time This book walks you through the installation of a hardened operating system the installation and configuration of critical services and ongoing maintenance of your FreeBSD and OpenBSD systems Using an application specific approach that builds on your existing knowledge the book provides sound technical information on FreeBSD and Open BSD security with plenty of real world examples to help you configure and deploy a secure system By imparting a solid technical foundation as well as practical know how it enables administrators to push their server s security to the next level Even administrators in other environments like Linux and Solaris can find useful paradigms to emulate Written by security professionals with two decades of operating system experience Mastering FreeBSD and OpenBSD Security features broad and deep explanations of how how to secure your most critical systems Where other books on BSD systems help you achieve functionality this book will help you more thoroughly secure your deployments

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Reviewing **Building Secure Servers With Linux**: Unlocking the Spellbinding Force of Linguistics

In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is actually astonishing. Within the pages of "**Building Secure Servers With Linux**," an enthralling opus penned by a very acclaimed wordsmith, readers embark on an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve into the book's central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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