

# Practical UNIX And Internet Security Securing Solaris Mac OS X Linux Free BSD

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The [Solaris Book of New Science Fiction](#) Feb 20 2022 A collection of short fiction and novellas showcases the work of such popular science fiction writers as Alastair Reynolds, Stephen Baxter, and John Meaney.

[Linux Security Cookbook](#) Nov 27 2019 Computer security is an ongoing process, a relentless contest between system administrators and intruders. A good administrator needs to stay one step ahead of any adversaries, which often involves a continuing process of education. If you're grounded in the basics of security, however, you won't necessarily want a complete treatise on the subject each time you pick up a book. Sometimes you want to get straight to the point. That's exactly what new [Linux Security Cookbook](#) does. Rather than provide a total security solution for Linux computers, the authors present a series of easy-to-follow recipes--short, focused pieces of code that administrators can use to improve security and perform common tasks securely. The [Linux Security Cookbook](#) includes real solutions to a wide range of targeted problems, such as sending encrypted email within Emacs, restricting access to network services at particular times of day, firewalling a webserver, preventing IP spoofing, setting up key-based SSH authentication, and much more. With over 150 ready-to-use scripts and configuration files, this unique book helps administrators secure their systems without having to look up specific syntax. The book begins with recipes devised to establish a secure system, then moves on to secure day-to-day practices, and concludes with techniques to help your system stay secure. Some of the "recipes" you'll find in this book are: Controlling access to your system from firewalls down to individual services, using iptables, ipchains, xinetd, inetd, and more Monitoring your network with tcpdump, dsniff, netstat, and other tools Protecting network connections with Secure Shell (SSH) and stunnel Safeguarding email sessions with Secure Sockets Layer (SSL) Encrypting files and email messages with GnuPG Probing your own security with password crackers, nmap, and handy scripts This cookbook's proven techniques are derived from hard-won experience. Whether you're responsible for security on a home Linux system or for a large corporation, or somewhere in between, you'll find valuable, to-the-point, practical recipes for dealing with everyday security issues. This book is a system saver.

[Building DMZs For Enterprise Networks](#) Aug 05 2020 This book covers what an administrator needs to plan out and integrate a DMZ into a network for small, medium and Enterprise networks. In most enterprises the perception is that a firewall provides a hardened perimeter. However, the security of internal networks and hosts is usually very soft. In such an environment, a network DMZ system that is offering services to the Internet creates the opportunity to leapfrog to other hosts in the soft interior network. In this scenario your internal network is fair game for any attacker who manages to penetrate your so-called hard perimeter. - There are currently no books written specifically on DMZs - This book will be unique in that it will be the only book that teaches readers how to build a DMZ using all of these products: ISA Server, Check Point NG, Cisco Routers, Sun Servers, and Nokia Security Appliances. - Dr. Thomas W. Shinder is the author of the best-selling book on Microsoft's ISA, [Configuring ISA Server 2000](#). Customers of the first book will certainly buy this book.

Unix, Solaris And Linux Sep 29 2022 Inspiring Feather: The Rainbow Book Of The Dead-A New Age Metaphysical musical classic short story based on ancient magical literature, complements any library or anyone interested in New Age Metaphysical literature that is innovative and creative with a touch of literary style and class that transcends modern culture giving new insight to ancient truths. As one embarks on Inspiring Feathers afterdeath funerary journey to The Rainbow Fire Diamond Medicine Crystal Void, a metaphysical magical fantasy, musical mystery spoof , shamanic rainbow vision quest adventure unfolds, as one learns the basic elementary principles of Metaphysics. Exemplified through the Rainbow Fire Diamond Medicine Crystal, The Tarot, Cabalah, Greek and Chinese Astrology, The Eight Fold Path Of Buddhism, The Nine Beatitudes Of Jesus, The I Ching, Numerology and The Diamond Sutra comprise the ideology of the material with an added new feature the Teaching Of The Thirty-Three and One Third. My name is Aquila>Welcome to the magical world of Inspiring Feather!

Solaris 8 Oct 26 2019 This book helps certified Solaris System Administrators pass the Network Administrator exam. This exam is rapidly increasing in popularity. This book follows the successful Training Guide format, which delivers superior solutions in the form of lab examples, self-assessment opportunities, summary tables, and several effective learning tools - including ExamGear -- that enhance the learning experience.

Solaris 8 Security May 26 2022 Solaris 8 Security covers all the concepts and issues Solaris 8 administrators need to know in order to make and keep their Solaris 8 systems secure. This includes not only Solaris 8 security tools and features, but such subjects as cryptography and defenses against known attacks and vulnerabilities. Readers learn practical, command-level defenses, such as: How to configure a secure DNS server What to do with /etc/inet/inetd.conf How to make IPsec work What DES fails How to identify and prevent system compromises How not to configure sendmail How to automate security checks The book provides a proactive approach to security. Coverage includes intrusion detection systems, network-level filtering, firewalls and other network-level systems.

Sun Certified Security Administrator for Solaris 9 & 10 Study Guide Nov 07 2020 Get the book that shows you not only what--but how--to study Complete coverage of all official exam objectives Exam Readiness checklist at the front of the book--you're ready for the exams when all objectives on the list are checked off Real-world exercises--Step-by-step instruction modeled after the hands-on exam questions Inside the Exam sections in every chapter highlight key exam topics covered Simulated exam questions match the format, tone, topics, and difficulty of the real exams Covers all Sun Certified Security Administrator topics, including: Attacks, Motives, and Methods \* Best Security Practices \* Logging and Process Accounting \* Auditing, Planning, and Management \* Device, System, and File Security \* Denial of Service and Remote Access Attacks \* Access Control \* Solaris Cryptographic Framework \* Authentication \* Secure Shell The best fully integrated study system available. Electronic content includes: Complete MasterExam practice testing engine, featuring: One full practice exam Detailed answers with explanations Score Report performance assessment tool Electronic book for studying on the go with free online registration: Bonus downloadable MasterExam practice test About the Authors: John Chirillo, CISSP, ISSAP, CCNP, ASE, SCSA, is a Senior Internetworking Engineer at ValCom and the author of several computer security books. Edgar Danielyan, CISSP, CIW, Security+, CCNA, CCDP, CWNA, is a Solaris security expert and author.

SSH, The Secure Shell Jan 10 2021 Are you serious about network security? Then check out SSH, the Secure Shell, which provides key-based authentication and transparent encryption for your network connections. It's reliable, robust, and reasonably easy to use, and both free and commercial implementations are widely available for most operating systems. While it doesn't solve every privacy and security problem, SSH eliminates several of them very effectively. Everything you want to know about SSH is in our second edition of SSH, The Secure Shell: The Definitive Guide. This updated book thoroughly covers the latest SSH-2 protocol for system administrators and end users interested in using this increasingly popular TCP/IP-based solution. How does it work? Whenever data is sent to the network, SSH automatically encrypts it. When data reaches the intended recipient, SSH decrypts it. The result is "transparent" encryption--users can work normally, unaware that their communications are already encrypted. SSH supports secure file transfer between computers, secure remote logins, and a unique "tunneling" capability that adds encryption to otherwise insecure network applications. With SSH, users can freely navigate the Internet, and system administrators can secure their networks or perform remote administration. Written for a wide, technical audience, SSH, The Secure Shell: The Definitive Guide covers several implementations of SSH for different operating systems and computing environments. Whether you're an individual running Linux machines at home, a corporate network administrator with thousands of users, or a PC/Mac owner who just wants a secure way to telnet or transfer files between machines, our indispensable guide has you covered. It starts with simple installation and use of SSH, and works its way to in-depth case studies on large, sensitive computer networks. No matter where or how you're shipping information, SSH, The Secure Shell: The Definitive Guide will show you how to do it securely.

DTrace Mar 31 2020 The Oracle Solaris DTrace feature revolutionizes the way you debug operating systems and applications. Using DTrace, you can dynamically instrument software and quickly answer virtually any question about its behavior. Now, for the first time, there's a comprehensive, authoritative guide to making the most of DTrace in any supported UNIX environment--from Oracle Solaris to OpenSolaris, Mac OS X, and FreeBSD. Written by key contributors to the DTrace community, DTrace teaches by example, presenting scores of commands and easy-to-adapt, downloadable D scripts. These concise examples generate answers to real and useful questions, and serve as a starting point for building more complex scripts. Using them, you can start making practical use of DTrace immediately, whether you're an administrator, developer, analyst, architect, or support professional. The authors fully explain the goals, techniques, and output associated with each script or command. Drawing on their extensive experience, they provide strategy suggestions, checklists, and functional diagrams, as well as a chapter of advanced tips and tricks. You'll learn how to Write effective scripts using DTrace's D language Use DTrace to thoroughly understand system performance Expose functional areas of the operating system,

including I/O, filesystems, and protocols Use DTrace in the application and database development process Identify and fix security problems with DTrace Analyze the operating system kernel Integrate DTrace into source code Extend DTrace with other tools This book will help you make the most of DTrace to solve problems more quickly and efficiently, and build systems that work faster and more reliably.

OCA Oracle Solaris 11 System Administration Exam Guide (Exam 1Z0-821) 05 2020 A Complete Study System for OCA Exam 1Z0-821 Prepare for the Oracle Certified Associate Oracle Solaris 11 System Administration exam with help from this exclusive Oracle Press guide. In each chapter, you'll find challenging practice questions, a two-minute drill, and a chapter summary to highlight what you've learned. This authoritative resource will help you pass the test and will serve as your essential on-the-job reference. Get complete coverage of all OCA objectives for exam 1Z0-821, including: Installing Oracle Solaris 11 Managing boot environments Understanding ZFS and other Oracle Solaris file systems Securing systems and files Managing users, groups, and processes Administering the Services Management Facility (SMF) Configuring additional storage Adding and updating Oracle Solaris software Monitoring the system with logging Administering process and kernel crash data Managing network resources Administering Oracle Solaris Zones Electronic content includes: Two practice exams with detailed answers and explanations

Secure Shell in the Enterprise Nov 19 2021 bull; bull;Covers the new Solaris Secure Shell for all versions of Solaris bull;Shows how to secure remote logins, integrate Secure Shell into existing scripts and avoid common problems bull;Written by Jason Reid, a member of the Solaris System Test group at Sun Microsystems, Inc.

Operating System Security Jul 28 2022 "Operating systems provide the fundamental mechanisms for securing computer processing. Since the 1960s, operating systems designers have explored how to build "secure" operating systems - operating systems whose mechanisms protect the system against a motivated adversary. Recently, the importance of ensuring such security has become a mainstream issue for all operating systems. In this book, we examine past research that outlines the requirements for a secure operating system and research that implements example systems that aim for such requirements. For system designs that aimed to satisfy these requirements, we see that the complexity of software systems often results in implementation challenges that we are still exploring to this day. However, if a system design does not aim for achieving the secure operating system requirements, then its security features fail to protect the system in a myriad of ways. We also study systems that have been retro-fit with secure operating system features after an initial deployment. In all cases, the conflict between function on one hand and security on the other leads to difficult choices and the potential for unwise compromises. From this book, we hope that systems designers and implementers will learn the requirements for operating systems that effectively enforce security and will better understand how to manage the balance between function and security."--BOOK JACKET.

Secure Coding in C and C++ Jul 04 2020 "The security of information systems has not improved at a rate consistent with the growth and sophistication of the attacks being made against them. To address this problem, we must improve the underlying strategies and techniques used to create our systems. Specifically, we must build security in from the start, rather than apply it as an afterthought. That's the point of Secure Coding in C and C++. In careful detail, this book shows software developers how to build high-quality systems that are less vulnerable to costly and even catastrophic attack. It's a book that every developer should read before the start of any serious project." --Frank Abagnale, author, lecturer, and leading consultant on fraud prevention and secure documents Learn the Root Causes of Software Vulnerabilities and How to Avoid Them Commonly exploited software vulnerabilities are usually caused by avoidable software defects. Having analyzed nearly 18,000 vulnerability reports over the past ten years, the CERT/Coordination Center (CERT/CC) has determined that a relatively small number of root causes account for most of them. This book identifies and explains these causes and shows the steps that can be taken to prevent exploitation. Moreover, this book encourages programmers to adopt security best practices and develop a security mindset that can help protect software from tomorrow's attacks, not just today's. Drawing on the CERT/CC's reports and conclusions, Robert Seacord systematically identifies the program errors most likely to lead to security breaches, shows how they can be exploited, reviews the potential consequences, and presents secure alternatives. Coverage includes technical detail on how to Improve the overall security of any C/C++ application Thwart buffer overflows and stack-smashing attacks exploit insecure string manipulation logic Avoid vulnerabilities and security flaws resulting from the incorrect use of dynamic memory management functions Eliminate integer-related problems: integer overflows, sign errors, and truncation errors Correctly use formatted output functions without introducing format-string vulnerabilities Avoid I/O vulnerabilities, including conditions Secure Coding in C and C++ presents hundreds of examples of secure code, insecure code, and exploits, implemented for Windows and Linux. If you're responsible for creating secure C or C++ software--or for keeping it safe--no other book offers you this much detailed, expert assistance.

Network Security Hacks Oct 07 2020 Introduces more than one hundred effective ways to ensure security in a Linux, UNIX, or Windows network, covering both TCP/IP-based services and host-based security techniques, with examples of applied encryption, intrusion detections, and logging.

Cisco Secure Internet Security Solutions Mar 12 2021 Annotation nbsp; Essential security strategies using Cisco's complete solution to network security! The only book to cover interoperability among the Cisco Secure product family to provide the holistic approach to Internet security. The first book to provide Cisco proactive solutions to common Internet threats. A source of industry-ready pre-built configurations for the Cisco Secure product range. Cisco Systems strives to help customers build secure internetworks through network design featuring its Cisco Secure product family. At present, no available publication deals with Internet security from a Cisco perspective. Cisco Secure Internet Security Solutions covers the basics of Internet security and then concentrates on each member of the Cisco Secure product family, providing a rich explanation with

examples of the preferred configurations required for securing Internet connections. The Cisco Secure PIX Firewall is covered in depth from an architectural point of view to provide a reference of the PIX commands and their use in the real world. Although Cisco Secure Internet Security Solutions is concerned with Internet security, it is also viable to use in general network security scenarios. nbsp; Andrew Mason is the CEO of Mason Technologies Limited, a Cisco Premier Partner in the U.K. whose main business is delivered through Cisco consultancy focusing on Internet security. Andrew has hands-on experience of the Cisco Secure product family with numerous clients ranging from ISPs to large financial organizations. Currently, Andrew is leading a project to design and implement the most secure ISP network in Europe. Andrew holds the Cisco CCNP and CCDP certifications. nbsp; Mark Newcomb is currently a consulting engineer at Aurora Consulting Group in Spokane, Washington. Mark holds CCNP and CCDP certifications. Mark has 4 years experience working with network security issues and a total of over 20 years experience within the networking industry. Mark is a frequent contributor and reviewer for books from Cisco Press, McGraw-Hill, Coriolis, New Riders, and Macmillan Technical Publishing.

**Hack Proofing ColdFusion** Apr 24 2022 The only way to stop a hacker is to think like one! ColdFusion is a Web application development tool that allows programmers to quickly build robust applications using server-side markup language. It is incredibly popular and has both an established user base and a quickly growing number of new adoptions. It has become the development environment of choice for e-commerce sites and content sites where databases and transactions are the most vulnerable and where security is of the utmost importance. Several security concerns exist for ColdFusion due to its unique approach of designing pages using dynamic-page templates rather than static HTML documents. Because ColdFusion does not require that developers have expertise in Visual Basic, Java and C++; Web applications created using ColdFusion Markup language are vulnerable to a variety of security breaches. **Hack Proofing ColdFusion 5.0** is the seventh edition in the popular Hack Proofing series and provides developers with step-by-step instructions for developing secure web applications. Teaches strategy and techniques: Using forensics-based analysis this book gives the reader insight to the mind of a hacker Interest in this topic continues to grow: Network architects, engineers and administrators are scrambling for security books to help them protect their new networks and applications powered by ColdFusion Unrivalled Web-based support: Up-to-the minute links, white papers and analysis for two years at solutions@syngress.com

**The Craft of System Security** Dec 29 2019 "I believe The Craft of System Security is one of the best software security books on the market today. It has not only breadth, but depth, covering topics ranging from cryptography, networking, and operating systems--to the Web, computer-human interaction, and how to improve the security of software systems by improving hardware. Bottom line, this book should be required reading for all who plan to call themselves security practitioners, and an invaluable part of every university's computer science curriculum." --Edward Bonver, CISSP, Senior Software QA Engineer, Product Security, Symantec Corporation "Here's to a fun, exciting read: a unique book chock-full of practical examples of the uses and the misuses of computer security. I expect that it will motivate a good number of college students to want to learn more about the field, at the same time that it will satisfy the more experienced professional." --L. Felipe Perrone, Department of Computer Science, Bucknell University Whether you're a security practitioner, developer, manager, or administrator, this book will give you the deep understanding necessary to meet today's security challenges--and anticipate tomorrow's. Unlike most books, The Craft of System Security doesn't just review the modern security practitioner's toolkit: It explains why each tool exists, and discusses how to use it to solve real problems. After quickly reviewing the history of computer security, the authors move on to discuss the modern landscape, showing how security challenges and responses have evolved, and offering a coherent framework for understanding today's systems and vulnerabilities. Next, they systematically introduce the basic building blocks for securing contemporary systems, apply those building blocks to today's applications, and consider important emerging trends such as hardware-based security. After reading this book, you will be able to Understand the classic Orange Book approach to security, and its limitations Use operating system security tools and structures--with examples from Windows, Linux, BSD, and Solaris Learn how networking, the Web, and wireless technologies affect security Identify software security defects, from buffer overflows to development process flaws Understand cryptographic primitives and their use in secure systems Use best practice techniques for authenticating people and computer systems in diverse settings Use validation, standards, and testing to enhance confidence in a system's security Discover the security, privacy, and trust issues arising from desktop productivity tools Understand digital rights management, watermarking, information hiding, and policy expression Learn principles of human-computer interaction (HCI) design for improved security Understand the potential of emerging work in hardware-based security and trusted computing

**Solaris 10 The Complete Reference** Sep 25 2019 The Ultimate Resource on Solaris 10. Includes full details on all the new features. Maximize all the capabilities of Sun Microsystems' FREE, innovative, and powerful UNIX-based operating system with help from this authoritative guide. Get full details on installation, process and device management, access control and security, networking, services, directories, and applications. You'll learn to take advantage of the new features available in Solaris 10, including the rewritten TCP/IP stack, the enhanced cryptographic framework, cross-platform optimization, Linux interoperability, and much more. Whether you're new to Solaris or migrating from Linux or Windows, you'll need this comprehensive resource. Install and run Solaris 10 on UltraSPARC or Intel systems Manage files, directories, and processes, and use shell commands Set up user- and role-based access control Use the Solaris Management Console (SMC) to manage users and groups Configure devices and file systems Implement efficient backup and recovery services Enable system logging, monitoring, accounting, and tuning Configure DHCP, firewalls, and remote access Work with DNS, NIS/NIS+, and LDAP Enable shared file systems and printers using Samba and/or NFS Use Sun Java System Application Server and Apache HTTP Server

**Oracle Solaris 11 System Administration** Mar 24 2022 Oracle® Solaris 11 System Administration covers every skill required to

effectively install and administer the Oracle® Solaris 11.1 operating system in production environments. It features dozens of step-by-step "learn by example" procedures, demonstrating how to apply complex solutions in real-world data center environments. Author Bill Calkins has administered and taught Oracle Solaris and its predecessors for more than twenty years. He also helped develop the newest Oracle Certified Associate (OCA) and Oracle Certified Professional (OCP) exams, which raise the bar for Solaris certification. This guide covers every new 1Z0-821 exam topic in detail and also covers many 1Z0-822 exam topics. Calkins also reviews the changes that system administrators will face when upgrading to Solaris 11.1 and presents new ways to perform familiar tasks on both SPARC and x86 hardware. You'll learn how to Install the Solaris 11 Operating Environment with Live Media or Text Interactive installers Install, manage, and update software with the Image Packaging System and IPS repositories Understand, customize, and troubleshoot SPARC and x86 boot processes from system power-up to loading the OS (including coverage of ILOM, OpenBoot, and GRUB 2) Administer and create services through the service management facility (SMF) Configure system messaging using SMF notifications, syslog and rsyslog Configure and administer ZFS storage pools, including ZFS on the boot drive, local disks, LUNs, and a SAN Configure and manage ZFS file systems: encryption, redundancy, snapshots, clones, network sharing, monitoring, device replacement, and legacy UFS migration Create, migrate, contain, and administer zones, including solaris10 branded and immutable zones Use RBAC to create custom rights profiles and grant special privileges Manage and monitor system process scheduler (including FSS process schedulers and proc tools) Configure Solaris networking and network services, including Reactive and Fixed Network Configurations, VNICs, and Virtual Networking A companion website ([unixed.com/solaris11book.html](http://unixed.com/solaris11book.html)) includes new 1Z0-821 and 1Z0-822 study strategies and self-assessment exams.

**Maximum Security** Jun 22 2019 Covers the Internet, TCP/IP, scanner programs, passwords, sniffers, firewalls, audit tools, types of attacks, and setting up security for various types of systems.

**Solaris Application Programming** Oct 19 2021 Solaris™ Application Programming is a comprehensive guide to optimizing the performance of applications running in your Solaris environment. From the fundamentals of system performance to using analysis and optimization tools to their fullest, this wide-ranging resource shows developers and software architects how to get the most from Solaris systems and applications. Whether you're new to performance analysis and optimization or an experienced developer searching for the most efficient ways to solve performance issues, this practical guide gives you the background information, tips, and techniques for developing, optimizing, and debugging applications on Solaris. The text begins with a detailed overview of the components that affect system performance. This is followed by explanations of the many developer tools included with Solaris OS and the Sun Studio compiler, and then it takes you beyond the basics with practical, real-world examples. In addition, you will learn how to use the rich set of developer tools to identify performance problems, accurately interpret output from the tools, and choose the smartest, most efficient approach to correcting specific problems and achieving maximum system performance. Coverage includes A discussion of the chip multithreading (CMT) processors from Sun and how they change the way that developers need to think about performance A detailed introduction to the performance analysis and optimization tools included with the Solaris OS and Sun Studio compiler Practical examples for using the developer tools to their fullest, including informational tools, compilers, floating point optimizations, libraries and linking, performance profilers, and debuggers Guidelines for interpreting tool analysis output Optimization, including hardware performance counter metrics and source code optimizations Techniques for improving application performance using multiple processes, or multiple threads An overview of hardware and software components that affect system performance, including coverage of SPARC and x64 processors

**Solaris 10 Security Essentials** Oct 31 2022 Solaris™ 10 Security Essentials describes the various security technologies contained in the Solaris operating system. The book describes how to make installations secure and how to configure the OS to the particular needs of your environment, whether your systems are on the edge of the Internet or running a data center. The authors present the material in a straightforward way that makes a seemingly arcane subject accessible to system administrators at all levels. The strengths of the Solaris operating system's security model are its scalability and its adaptability. It can protect a single user with login authentication or multiple users with Internet and intranet configurations requiring user-rights management, authentication, encryption, IP security, key management, and more. This book is written for users who need to secure their laptops, network administrators who must secure an entire company, and everyone in between. The book's topics include Zones virtualization security System hardening Trusted Extensions (Multi-layered Security) Privileges and role-based access control (RBAC) Cryptographic services and key management Auditing Network security Pluggable Authentication Modules (PAM) Solaris™ 10 Security Essentials is the first in a new series on Solaris system administration. It is a superb guide to deploying and managing secure computer environments.

**Solaris Systems Programming** Jun 02 2020 With this comprehensive text, Solaris practitioners will find all the information they need as they face and overcome significant challenges of their everyday work. Real-world case studies, poignant examples, and illustrative diagrams are rolled into this thorough reference.

**Defensive Security Handbook** Aug 24 2019 Despite the increase of high-profile hacks, record-breaking data leaks, and ransomware attacks, many organizations don't have the budget to establish or outsource an information security (InfoSec) program, forcing them to learn on the job. For companies obliged to improvise, this pragmatic guide provides a security-101 handbook with steps, tools, processes, and ideas to help you drive maximum-security improvement at little or no cost. Each chapter in this book provides step-by-step instructions for dealing with a specific issue, including breaches and disasters, compliance, network infrastructure and password management, vulnerability scanning, and penetration testing, among others. Network engineers, system administrators, and security professionals will learn tools and techniques to help improve security in sensible, manageable chunks. Learn fundamentals of starting or redesigning an InfoSec program Create a base set of

policies, standards, and procedures Plan and design incident response, disaster recovery, compliance, and physical security Bolster Microsoft and Unix systems, network infrastructure, and password management Use segmentation practices and designs to compartmentalize your network Explore automated process and tools for vulnerability management Securely develop code to reduce exploitable errors Understand basic penetration testing concepts through purple teaming Delve into IDS, IPS, SOC, logging, and monitoring

**Oracle Solaris Cluster Essentials** Apr 12 2021 Thousands of IT organizations have adopted clustering to improve the availability of mission-critical software services. Today, with the rapid growth of cloud computing environments, clustering is even more crucial. Now, there's a comprehensive, authoritative guide to the industry's most stable, robust clustering platform: the Oracle Solaris Cluster. Oracle® Solaris Cluster Essentials thoroughly covers both Oracle Solaris Cluster 3.2 and Oracle Solaris Cluster Geographic Edition, offering start-to-finish lifecycle guidance for planning, implementation, management, and troubleshooting. Authored by Oracle Solaris Cluster expert Tim Read, this book covers both high availability and disaster recovery features, and offers detailed guidance for both Oracle and non-Oracle database environments. It also presents several example implementations that can be used to quickly construct effective proofs-of-concept. Whether you're new to clustering or upgrading from older solutions, this book brings together all the information you'll need to maximize the value, reliability, and performance of any Oracle Solaris Cluster environment. You'll learn how to Understand Oracle Solaris Cluster's product features and architecture, and their implications for design and performance Establish requirements and design clustered systems that reflect them Master best practices for integrating clustering with virtualization Implement disaster recovery planning techniques Efficiently maintain Oracle Solaris Cluster environments Part of the Solaris System Administration Series, Oracle® Solaris Cluster Essentials combines a complete technology introduction and hands-on guide for every architect, administrator, and IT manager responsible for high availability and business continuity.

**Hack Proofing Sun Solaris** Dec 21 2021 The only way to stop a hacker is to think like one! Sun Microsystem's venerable and well-respected operating system Solaris is currently in version 8, and runs on both Intel and Sun Hardware. Solaris is one of the most comprehensive and popular UNIX operating systems available. Hundreds of thousands of business enterprises, both small and large, depend on Sun Solaris to keep their business alive - but have they protected themselves against hackers? Hack Proofing Sun Solaris 8 is the latest addition to the popular Hack Proofing series from Syngress Publishing. Providing hands-on information written by both security professionals and self-proclaimed hackers, this book will give system administrators the edge they need to fortify their Sun Solaris operating system against the never-ending threat of hackers. This is the fifth title in the popular series that brought us the bestseller Hack Proofing Your Network Teaches strategy and techniques using forensic-based analysis Up to the minute Web-based support with solutions@syngress.com

**Mastering FreeBSD and OpenBSD Security** Feb 08 2021 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 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.

**Enterprise Security** Jul 24 2019 -- Provides tricks, tools, and techniques that hackers use to break into systems-- Includes complete documentation and CD-ROM of the Solaris Security Toolkit-- Part of the Sun Microsystems Press Blueprint series This guide provides the reader with best practices from Sun Microsystems for architecting multi-tiered datacenter environments. This Sun Microsystems Blue Print features documented, automated, and supported security best practices for high-end servers and cluster software. Written for experienced developers and system administrators it includes tricks, tools, and techniques that hackers use to break into systems. The author details best practices and tools for sniffing out "trojaned" system files and binaries and describes Solaris security features, network settings, and minimization.

**Practical UNIX and Internet Security** Aug 29 2022 When Practical Unix Security was first published more than a decade ago, it became an instant classic. Crammed with information about host security, it saved many a Unix system administrator from disaster. The second edition added much-needed Internet security coverage and doubled the size of the original volume. The third edition is a comprehensive update of this very popular book - a companion for the Unix/Linux system administrator who needs to secure his or her organization's system, networks, and web presence in an increasingly hostile world. Focusing on the four most popular Unix variants today--Solaris, Mac OS X, Linux, and FreeBSD--this book contains new information on PAM

(Pluggable Authentication Modules), LDAP, SMB/Samba, anti-theft technologies, embedded systems, wireless and laptop issues, forensics, intrusion detection, chroot jails, telephone scanners and firewalls, virtual and cryptographic filesystems, WebNFS, kernel security levels, outsourcing, legal issues, new Internet protocols and cryptographic algorithms, and much more. Practical Unix & Internet Security consists of six parts: Computer security basics: introduction to security problems and solutions, Unix history and lineage, and the importance of security policies as a basic element of system security. Security building blocks: fundamentals of Unix passwords, users, groups, the Unix filesystem, cryptography, physical security, and personnel security. Network security: a detailed look at modem and dialup security, TCP/IP, securing individual network services, Sun's RPC, various host and network authentication systems (e.g., NIS, NIS+, and Kerberos), NFS and other filesystems, and the importance of secure programming. Secure operations: keeping up to date in today's changing security world, backups, defending against attacks, performing integrity management, and auditing. Handling security incidents: discovering a break-in, dealing with programmed threats and denial of service attacks, and legal aspects of computer security. Appendixes: a comprehensive security checklist and a detailed bibliography of paper and electronic references for further reading and research. Packed with 1000 pages of helpful text, scripts, checklists, tips, and warnings, this third edition remains the definitive reference for Unix administrators and anyone who cares about protecting their systems and data from today's threats.

**Solaris Internals** May 14 2021 "The Solaris™ Internals volumes are simply the best and most comprehensive treatment of the Solaris (and OpenSolaris) Operating Environment. Any person using Solaris--in any capacity--would be remiss not to include these two new volumes in their personal library. With advanced observability tools in Solaris (like DTrace), you will more often find yourself in what was previously uncharted territory. Solaris™ Internals, Second Edition, provides us a fantastic means to be able to quickly understand these systems and further explore the Solaris architecture--especially when coupled with OpenSolaris source availability." --Jarod Jenson, chief systems architect, Aeysis "The Solaris™ Internals volumes by Jim Mauro and Richard McDougall must be on your bookshelf if you are interested in in-depth knowledge of Solaris operating system internals and architecture. As a senior Unix engineer for many years, I found the first edition of Solaris™ Internals the only full comprehensive source for kernel developers, systems programmers, and systems administrators. The new second edition, with the companion performance and debugging book, is an indispensable reference set, containing many useful and practical explanations of Solaris and its underlying subsystems, including tools and methods for observing and analyzing any system running Solaris 10 or OpenSolaris." --Marc Strahl, senior UNIX engineer "Solaris™ Internals, Second Edition, describes the algorithms and data structures of all the major subsystems in the Solaris 10 and OpenSolaris kernels. The text has been extensively revised since the first edition, with more than 600 pages of new material. Integrated Solaris tools and utilities, including DTrace, MDB, kstat, and the process tools, are used throughout to illustrate how the reader can observe the Solaris kernel in action. The companion volume, Solaris™ Performance and Tools, extends the examples contained here, and expands the scope to performance and behavior analysis. Coverage includes: Virtual and physical memory Processes, threads, and scheduling File system framework and UFS implementation Networking: TCP/IP implementation Resource management facilities and zones The Solaris™ Internals volumes make a superb reference for anyone using Solaris 10 and OpenSolaris.

**Solaris 10 System Administration Essentials** Jan 28 2020 Solaris™ 10 System Administration Essentials is the first book to concisely yet comprehensively cover all of the breakthrough features of the Solaris 10 operating system. The Solaris OS has a long history of innovation, and the Solaris 10 OS is a watershed release that includes features such as Zones, which provide application isolation and facilitate server consolidation ZFS™, the file system that provides a new approach to managing your data with an easy administration interface The Fault Management Architecture, which automates fault detection and resolution The Service Management Facility, a unified model for services and service management on every Solaris system Dynamic Tracing (DTrace), for troubleshooting OS and application problems on production systems in real time In addition, the Solaris 10 OS fully supports 32-bit and 64-bit x86 platforms, as well as the SPARC® architecture. The book's key topics include Installing, booting, and shutting down a system Managing packages and patches (software updates) Controlling system processes Managing disks and devices Managing users Configuring networks Using printing services Solaris™ 10 System Administration Essentials is part of a new series on Solaris system administration. It is a practical guide to deploying and managing the Solaris 10 operating system in a business or academic environment. The book is easy to read and rich with examples—a perfect companion for system administrators who are deploying the Solaris OS for the first time.

**Eye of the Remote, Black Operations in Areas Beyond** Dec 09 2020 Solaris BlueRaven is a true multidimensional channel, clairvoyant and remote viewer with an extensive and professional background in mysticism and science. Eye of the Remote is a first hand account and experience of being inducted into covert projects of which the mass populous may have no knowledge of. The information of which has been decoded may shock and astound readers around the globe. Solaris BlueRaven is a systems buster for MK Ultra and a spiritual councilor and MT healer in these areas.

**Multicore Application Programming** Aug 17 2021 The book reveals how specific hardware implementations impact application performance and shows how to avoid common pitfalls. Step by step, you'll write applications that can handle large numbers of parallel threads, and you'll master advanced parallelization techniques.

**Solaris Seethes** Sep 17 2021 Book 1 in the Solaris Saga A great young adult science fiction adventure you're sure to enjoy Every myth has a beginning. After escaping the destruction of her home planet, Lanyr, with the help of the mysterious Solaris Rynah must put her faith in an ancient legend. Never one to believe in stories and legends, she is forced to follow the ancient tales of her people: tales that also seem to predict her current situation. Forced to unite with four unlikely heroes from an unknown planet (the philosopher, the warrior, the lover, the inventor) in order to save the Lanyran people, Rynah and Solaris embark on an adventure that will shatter everything Rynah once believed.

Oracle Solaris 11 Jun 26 2022 This book is written in simple, easy-to-understand format with lots of screenshots and step-by-step explanations. If you are a Solaris administrator looking for a step-by-step guide to understand the new features and functionality of Oracle Solaris 11, then this is the guide for you. Working knowledge of Solaris is required.

Handbook of Digital and Multimedia Forensic Evidence Feb 29 2020 This volume presents an overview of computer forensics perfect for beginners. A distinguished group of specialist authors have crafted chapters rich with detail yet accessible for readers who are not experts in the field. Tying together topics as diverse as applicable laws on search and seizure, investigating cybercrime, and preparation for courtroom testimony, Handbook of Digital and Multimedia Evidence is an ideal overall reference for this multi-faceted discipline.

Solaris 8 Administrator's Guide Jul 16 2021 The Solaris operating system, along with related Sun products like Java, is one of the most reliable and scalable platforms on which to build e-commerce products, and on which to support all networked services. Yet, one problem that potential users face is finding out more information about what Solaris offers. In a sense, they want to know how much technical work is involved in migrating to Solaris, and what kind of philosophy Solaris is based on. To answer these questions, Solaris 8 Administrator's Guide covers all aspects of deploying Solaris as a network server, including both basic and advanced network services. Given newfound interest in Solaris as an enterprise network operating system, this guide is aimed squarely at supporting enterprise-level services. It's written for experienced network administrators who want an objective guide to networking with Solaris, and covers installation on both the Intel and Sparc platforms. With it, you will learn how to setup Solaris as a file server, application server, and database server. In its coverage of advanced topics, Solaris 8 Administrator's Guide offers examples of configuration files and the installation of third-party software packages. This comprehensive book also contains more conceptual and difficult material that is absent from other Solaris reference manuals. At all points, emphasis is placed on issues like evaluating the security, scalability, and reliability of specific software packages--at the expense of providing detailed coverage of every available package. The book covers the practical experience and new skills needed to understand the impact of new services and new software products on existing server systems. Author Paul Watters--a recognized authority on Solaris--avoids so-called "historical" services, like UUCP, which can easily fill chapters but are not commonly found in today's production environments. Indeed, he doesn't bother to provide an in-depth history of Solaris or UNIX at all, assuming that you can find this material elsewhere. Instead, the practical focus is on supporting relevant contemporary networking technologies. Solaris 8 Administrator's Guide provides you with a third-party view that not only praises Solaris, but is critical and realistic in its assessment. This book is for experienced Solaris Administrators as well as and those looking to migrate to this operating system.

Network Security Assessment Jun 14 2021 A practical handbook for network administrators who need to develop and implement security assessment programs, exploring a variety of offensive technologies, explaining how to design and deploy networks that are immune to offensive tools and scripts, and detailing an efficient testing model. Original. (Intermediate)

Absolute OpenBSD, 2nd Edition May 02 2020 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.

Solaris Security Jan 22 2022 At last, a security book just for Solaris and UNIX(r) system administrators. Learn the specifics for making your system secure, whether it's an organization-wide network or a standalone workstation. Expert author Peter Gregory has managed security for everything from top-secret corporate research facilities to casinos. Take advantage of his experience to build a secure, reliable system of your own. Solaris Security looks at the physical, logical, and human factors that affect security, including: PROMs, physical security, bootpaths, permissions, auditing tools, system logs, passwords, and more. Secure network interfaces and services for remote and Internet access, intrusion detection, access control, email, and printing. Enhanced security for NIS, NIS+, DNS, and NFS. A special section shows you how to plan for the inevitable disasters so you can recover your data quickly and accurately without compromising security. References to books, journals, and online resources will help you keep up with the latest innovations. Every chapter opens with a checklist of key topics and their significance, so you can quickly find the information you need. Whether you are a security manager, Information Technology/Systems manager or a network administrator, Solaris(tm) Security is the single resource to answer all your questions and get your systems in shape now and for the future.

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