Solaris

Solaris 9 Network AdministratorSolaris SeethesSolaris Operating Environment Boot CampThe Solaris EffectBegin. Serenissimo Principi Gastoni Franciæ Duci Aurelianensium eclipseos solaris quæ contigit VII. Kal. Febr. MDCLVI. observationem quam fecit Blesis, consecrat A. MarchaisSolaris Rising 2Remakes: "Solaris" by Andrei Tarkovsky (1972) and "Solaris" by Steven Soderbergh (2002)Solaris 9 For DummiesSolaris, directed by Andrei TarkovskySolaris 8 Administrator's GuideInfoWorldSolarisConfiguring and Tuning Databases on the Solaris PlatformSolaris InternalsDB2 for SolarisSolaris Guide for Windows NT AdministratorsHack Proofing Sun Solaris 8Inside Solaris 9Solaris 9 Sun Certified System Administrator Study GuideThe Solaris Book of New FantasyUsing Solaris 9Solaris PC NetlinkSolaris and LDAP Naming ServicesThe Solaris Book of New Science FictionSolarisSolaris FarmOracle Solaris Cluster EssentialsSolaris 10 Security EssentialsSolaris 9 System AdministratorSolaris 10 System Administration EssentialsSolaris 8 Advanced System Administrator's GuideSolaris InternalsSolaris FarmSolaris 10 System Administration Exam PrepOracle Solaris 11 System AdministrationSolaris 8 System Administrators's ReferenceSolaris Rising 2Solaris to Linux Migration: A Guide for System AdministratorsSolaris 8Mastering Solaris?8

Solaris 9 Network Administrator

All the information system administators need to perform critical tasks with Solaris 8. Covers over 400 commands with comprehensive descriptions and tested examples.

Solaris Seethes

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 bookbrings 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 proven 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.

Solaris Operating Environment Boot Camp

PREFACE The internals of the UNIX kernel are fairly well-documented, most notably by Goodheart and Cox 10, Bach 1, McKusick et al. 19, and Vahalia 39. These texts have become a common source of reference information for those who want to better understand the internals of UNIX. However little has been written about the specifics of the Solaris kernel. The paucity of Solaris specific information led us to create our own reference material. As we published information through white papers, magazine columns, and tutorials, the number of folks expressing interest motivated us to produce a complete work that discussed Solaris exclusively. About This Book This book is about the internals of Sun's Solaris Operating Environment. The rapid growth of Solaris has created a large number of users, software developers, systems administrators, performance analysts, and other members of the technical community, all of whom require in-depth knowledge about the environment in which they work. Since the focus of this book is the internals of the Solaris kernel, the book provides a great deal of information on the architecture of the kernel and the major data structures and algorithms implemented in the operating system. However, rather than approach the subject matter from a purely academic point of view, we wrote the book with an eye on the practical application of the information contained herein. Thus, we have emphasized the methods and tools that can be used on a Solaris system to extract information that otherwise is not easily accessible with the standard bundled commands and utilities. We want to illustrate how you can apply this knowledge in a meaningful way, as your job or interest dictates. To maximize the usefulness of the text, we included specific information on Solaris versions 2.5.1, 2.6, and Solaris 7. We cover the major Solaris subsystems, including memory management, process management, threads, files, and file systems. We do not cover details of low-level I/O, device drivers, STREAMS, and networking. For reference material on these topics, see "Writing Device Drivers" 28, the "STREAMS Programming Guide" 29, and "UNIX Network Programming" 32. The material included in this book is not necessarily presented at an introductory level, although whenever possible we begin discussing a topic with some conceptual background information. We assume that you have some familiarity with operating systems concepts and have used a UNIX-based operating system. Some knowledge of the C programming language is useful but not required. Because of the variety of hardware platforms on which Solaris runs, it is not practical to discuss the low-level details of all the different processors and architectures, so our hardware focus, when detail is required, is admittedly UltraSPARC-centric. This approach makes the most sense since it represents the current technology and addresses the largest installed base. In general, the concepts put forth when detail is required apply to other processors and platforms supported. The differences are in the specific implementation details, such as per-processor hardware registers. Throughout the book we refer to specific kernel functions by name as we describe the flow of various code segments. These routines are internal to the operating system and should not be construed as, or confused with, the public interfaces that ship as part of the Solaris product line-the systems calls and library interfaces. The functions referenced throughout the text, unless explicitly noted, are private to the kernel and not callable or in any way usable by application programs. Intended Audience We hope that this book will serve as a useful reference for a variety of technical staff members working with the Solaris Operating Environment. Application developerscan find information in this book about how Solaris implements functions behind the application programming interfaces. This information helps developers understand performance, scalability, and implementation specifics of each interface when they develop Solaris applications. The system overview section and sections on scheduling, interprocess communication, and file system behavior should be the most useful sections. Device driver and kernel module developersof drivers, STREAMS modules, loadable system calls, etc., can find herein the general architecture and implementation theory of the Solaris Operating Environment. The Solaris kernel framework and facilities portions of the book (especially the locking and synchronization primitives chapters) are particularly relevant. Systems administrators, systems analysts, database administrators, and ERP

managersresponsible for performance tuning and capacity planning can learn about the behavioral characteristics of the major Solaris subsystems. The file system caching and memory management chapters provide a great deal of information about how Solaris behaves in real-world environments. The algorithms behind Solaris tunable parameters (which are detailed in Appendix A) are covered in depth throughout the book. Technical support staffresponsible for the diagnosis, debugging, and support of Solaris will find a wealth of information about implementation details of Solaris. Major data structures and data flow diagrams are provided in each chapter to aid debugging and navigation of Solaris Systems. System users who just want to know moreabout how the Solaris kernel works will find high-level overviews at the start of each chapter. In addition to the various technical staff members listed above, we also believe that members of the academic community will find the book of value in studying how a volume, production kernel implements major subsystems and solves the problems inherent in operating systems development. How This Book Is Organized We organizedSolaras Internalsinto several logical parts, each part grouping several chapters containing related information. Our goal was to provide a building block approach to the material, where later sections build on information provided in earlier chapters. However, for readers familiar with particular aspects of operating systems design and implementation, the individual parts and chapters can stand on their own in terms of the subject matter they cover. Part One:Introduction to Solaris Internals Chapter 1️⃣ An Introduction to Solaris Chapter 2️⃣ Kernel Services Chapter 3️⃣ Kernel Synchronization Primitives Chapter 4️⃣ Kernel Bootstrap and Initialization Part Two:The Solaris Memory System Chapter 5️⃣ Solaris Memory Architecture Chapter 6️⃣ Kernel Memory Chapter 7️⃣ Memory Monitoring Part Three:Threads, Processes, and IPC Chapter 8️⃣ The Solaris Multithreaded Process Architecture Chapter 9️⃣ The Solaris Kernel Dispatcher Chapter 10️⃣ Interprocess Communication Part Four:Files and File Systems Chapter 11️⃣ Solaris Files and File I/O Chapter 12️⃣ File System Overview Chapter 13️⃣ File System Framework Chapter 14️⃣ The UNIX File System Chapter 15️⃣ Solaris File System Cache Solaris Source Code In February 2000, Sun announced the availability of Solaris source. This book provides the essential companion to the Solaris source and can be used as a guide to the Solaris kernel framework and architecture. It should also be noted that the source available from Sun is the Solaris 8 source. Although this book covers Solaris versions up to and including Solaris 7, almost all of the material is relevant to Solaris 8. Updates and Related Material To complement this book, we created a Web site where we will place updated material, tools we refer to, and links to related material on the topics covered. The Web site is available at http://www.solarisinternals.com. A Note from the Authors We certainly hope that you get as much out of reading Solaris Internals as we did from writing it. We welcome comments, suggestions, and questions from readers.

The Solaris Effect

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.

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A BluePrint guide that details Best Practices for providing comprehensive, enterprise-wide directory services in a Solaris Operating Environment.

Solaris Rising 2

Having re-affirmed Solaris' proud reputation for producing high quality science fiction anthologies in the first volume, Solaris Rising 2 is the next collection in this exciting series. Featuring stories by Allan Steele, Kristine Kathryn Rusch, Kim Lakin-Smith, Paul Cornell, Eugie Foster, Nick Harkaway, Nancy Kress, Kay Kenyon, James Lovegrove, Robert Reed, Mercurio D. Rivera, Norman Spinrad, Adrian Tchaikovsky, Liz Williams, Vandana Singh, Martin Sketchley and more. These stories are guaranteed to surprise, thrill and delight, and maintain our mission to demonstrate why science fiction remains the most exiting, varied and inspiring of all fiction genres. In Solaris Rising we showed both the quality and variety that modern SF can produce. In Solaris Rising 2, we're taking that much, much further.

Remakes: "Solaris" by Andrei Tarkovsky (1972) and "Solaris" by Steven Soderbergh (2002)

Having re-affirmed Solaris' proud reputation for producing high quality science fiction anthologies in the first volume, Solaris Rising 2 is the next collection in this exciting series. Featuring stories by Allan Steele, Kristine Kathryn Rusch, Kim Lakin-Smith, Paul Cornell, Eugie Foster, Nick Harkaway, Nancy Kress, Kay Kenyon, James Lovegrove, Robert Reed, Mercurio D. Rivera, Norman Spinrad, Adrian Tchaikovsky, Liz Williams, Vandana Singh, Martin Sketchley and more. These stories are guaranteed to surprise, thrill and delight, and maintain our mission to demonstrate why science fiction remains the most exiting, varied and inspiring of all fiction genres. In Solaris Rising we showed both the quality and variety that modern SF can produce. In Solaris Rising 2, we're taking that much, much further.

Solaris 9 For Dummies

What do contemporary American movies and directors have to say about the relationship between nature and art? How do science fiction films like Steven Spielberg's A.I. and Darren Aronofsky's π represent the apparent oppositions between nature and culture, wild and tame? Steven Dillon's intriguing new volume surveys American cinema from 1990 to 2002 with substantial descriptions of sixty films, emphasizing small-budget independent American film. Directors studied include Steven Soderbergh, Darren Aronofsky, Todd Haynes, Harmony Korine, and Gus Van Sant, as well as more canonical figures like

Martin Scorcese, Robert Altman, David Lynch, and Steven Spielberg. The book takes its title and inspiration from Andrei Tarkovsky's 1972 film Solaris, a science fiction ghost story that relentlessly explores the relationship between the powers of nature and art. The author argues that American film has the best chance of aesthetic success when it acknowledges that a film is actually a film. The best American movies tell an endless ghost story, as they perform the agonizing nearness and distance of the cinematic image. This groundbreaking commentary examines the rarely seen bridge between select American film directors and their typically more adventurous European counterparts. Filmmakers such as Lynch and Soderbergh are cross-cut together with Tarkovsky and the great French director, Jean-Luc Godard, in order to test the limits and possibilities of American film. Both enthusiastically cinephilic and fiercely critical, this book puts a decade of U.S. film in its global place, as part of an ongoing conversation on nature and art.

Solaris, directed by Andrei Tarkovsky

"PC Netlink Server Software" is Sun's latest offering designed to allow Sun servers to support PC client services. This book is the bible for administrators and planners who need vital information for planning and implementing enterprise-capable PC NetLink Server systems.

Solaris 8 Administrator's Guide

The goal of this IBM Redbooks publication is to provide a technical reference for IT systems administrators in organizations that are considering a migration from Solaris to Linux-based systems. We present a systems administrator view of the technical differences and methods necessary to complete a successful migration to Linux-based systems, including coverage of how those differences translate to two major Linux distributions: Red Hat Enterprise Linux and SUSE Linux Enterprise Server. The book is designed primarily to be a reference work for the experienced Solaris 8 or 9 system administrator who will need to begin working with Linux. It should serve as a guide for system administrators that need a concise technical reference for facilitating the transition to Linux. The book also provides details about how to leverage the additional industry-leading technologies in IBM eServer xSeries servers, IBM POWER technology-based systems (iSeries/pSeries), and IBM eServer zSeries systems that make them very powerful and flexible platforms for hosting Linux-based solutions.

InfoWorld

Put the Strengths of Solaris to Work for Your Organization Mastering Solaris 8 is an indispensable guide to the version of UNIX famed for its network services and robustness as a Web and application server. Inside, you'll find essential information on installing, configuring, and optimizing Sun Microsystems' latest release, along with the step-by-step instruction and expert advice you need to make Solaris the cornerstone of an effective, secure network. Coverage includes: Installing Solaris Logging in and managing sessions Working with commands and utilities Managing files, folders, and directories Using the CDE and OpenWindows desktops Installing and configuring devices Configuring a workstation for networking Setting up and managing network printing Installing programs Working with user and group accounts Backing up and restoring files and folders Using the Mail and Calendar applications Accessing the Internet Using text editors Working with the Bourne, Korn, and C Shells Troubleshooting your workstation or server

Solaris

Offers test-taking strategies and tips, practice questions, and a cram sheet.

Configuring and Tuning Databases on the Solaris Platform

Seminar paper from the year 2004 in the subject Communications - Movies and Television, grade: 1, Utrecht University (Media Studies), course: Remakes & Parody, language: English, abstract: Thom Patterson from CNN expresses the issue of the remake in a very nice way: Remaking well-known films can be the Hollywood equivalent of replacing the family dog or a favourite bathrobe: sometimes only the old one will do and a replacement is unthinkable." In my case study I will take a closer look at the two different versions of "Solaris" Andrei Tarkovsky's "Solaris" (1972) and Steven Soderbergh's "Solaris" (2002) Is Soderbergh's "Solaris" a worthy representative, replacement or addition to Tarkovsky's "Solaris" or is it just like Patterson describes it, unneeded like the replacement of the family dog? Is Tarkovsky's "family dog" so well-known and respected that a new "family dog" would be redundant? First of all, one should notice that both films are based on Stanislaw Lem's book "Solaris." At least that's what one can read everywherebut is this so? Is Soderbergh's film a re-adaptation of Lem's book or is it rather a remake of Tarkovsky's film? I would like to analyse in what way the two directors developed the characters in the film having the book "Solaris" as the basis. By analysing the way, Soderbergh and Tarkovsky present the relationship between Hari/Rheya and Chris and how the two directors develop the characters, I will also try to find an answer to the question whether Soderbergh's "Solaris" is a remake of Tarkovsky's Solaris or a re-adaptation of Lem's book. What are the similarities and differences of the presentation of this relationship in the two films? Soderbergh for example never personally said that his film is only a remake of Tarkovsky's "Solaris" but also, or even more, a re-adaptation of Lem's book. This would exactly apply to the theory of Jan Speckenbach, who mentions in his first part of "On the Remake. A cinematic phenomenon" that sometimes the dir"

Solaris Internals

"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 (likeDTrace), you will more often find yourself in what was previously unchartable 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 fully 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.

DB2 for Solaris

Discover new security features and easier installation Light up your system with a new resource manager, volume manager, and directory server In the dark about Solaris 9? Open this book and let the sun shine in! It'll help you chart a course for StarOffice, explore CDE and GNOME desktops, and harness Solaris power to configure Web servers, access Internet services, build great Web sites, manage files and directories, and a galaxy of other tasks. The Dummies Way Explanations in plain English "Get in, get out" information Icons and other navigational aids Tear-out cheat sheet Top ten lists A dash of humor and fun

Solaris Guide for Windows NT Administrators

Despite being one of Andrei Tarkovsky's most successful films, Solaris (1972) was the one he most disliked. This dismissal of his most generically marked film has often been accepted by those quick to embrace the image of Tarkovsky as a transcendent artist rising above the politics of the Soviet film industry and the trappings of genre to produce personal works of art. Going against such currents, Mark Bould instead treats Solaris as the product of a genre as well as the work of a skilled film-maker. He teases out Tarkovsky's fascination with Stanislaw Lem, on whose novel the film was based, and also considers Steven Soderbergh's 2002 adaptation. Lively and revealing, Bould's examination situates Solaris within the Russian and global cultures of the fantastic, to which Tarkovsky contributed three major science fiction films. This special edition features original cover artwork by Matthew Shlian.

Hack Proofing Sun Solaris 8

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.

Inside Solaris 9

Upon landing at an interplanetary station, Kris Kelvin discovers that an advanced power has taken over.

Solaris 9 Sun Certified System Administrator Study Guide

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.

The Solaris Book of New Fantasy

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-bystep 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) includes new 1Z0-821 and 1Z0-822 study strategies and self-assessment exams.

Using Solaris 9

A compelling anthology of never-before-published fantasy fiction represents an array of genres, including fable, fairy tale, epic quest, urban mystery, and more, by such acclaimed talents as Janny Wurts, Hal Duncan, Juliet E. McKenna, Tim Pratt, Jake Lake, Jeff Vandermeer, and Chris Roberson, among others. Original.

Solaris PC Netlink

Solaris and LDAP Naming Services

The perfect study companion for UNIX system professionals preparing for both Solaris 9 System Administrator exams (CX-310-014 and CX-310-015)! The book contains accurate and efficient coverage of the many new features of the Solaris 9 system. This book is not intended to teach new material. Instead it assumes that you have a solid foundation of knowledge but can use a refresher on important concepts as well as a guide to exam topics and objectives. This book focuses exactly on what you need to know to pass the exam - it features test-taking strategies, time-saving study tips, and a special Cram Sheet that includes tips, acronyms, and memory joggers not available anywhere else. It's supported online at several Web sites: examcram.com, informit.com, and cramsession.com. The accompanying CD features PrepLogic￼ Practice Tests, Preview Edition. This product includes one complete PrepLogic Practice Test with approximately the same number of questions found on the actual vendor exam. Each question contains full, detailed explanations of the correct and incorrect answers. The engine offers two study modes, Practice Test and Flash Review, full exam customization, and a detailed score report.

The Solaris Book of New Science Fiction

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. 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

Solaris

A collection of short fiction and novellas showcases the work of such popular science fiction writers as Alastair Reynolds, Stephen Baxter, and John Meaney.

Solaris Farm

The perfect guide for NT administrators learning Solaris--or anyone integrating NT and Solaris. More and more system administrators face the challenge of integrating Solaris with Windows NT--or of migrating from departmental NT servers to enterprise Solaris Operating Environments. For them, this book will be an invaluable resource. A leading Sun engineer who is also a Microsoft Certified Systems Engineer teaches users all they need to know to smoothly coexist with, or transition from Windows NT.

Oracle Solaris Cluster Essentials

Annotation The most complete reference for implementing Solaris 9 solutions. Respected author and expert technical reviewers. Gives the in-depth Inside treatment to Solaris 9. Capitalizes on the increased interest in Solaris with the new release, and gives administrators the information theyll need on a daily basis. Inside Solaris 9 gives administrators the information theyll need to upgrade to Solaris 9 and maximize the new features. Author Bill Calkins begins by laying the foundations of Solaris, then explains how to get set up with Solaris 9 (including any potential pitfalls). Next, system maintenance issues are covered such as setting up user accounts, managing file systems and processes, system security, monitoring and tuning, and backup and recovery. Solaris networking and service management issues round out the book, along with some excellent resources and a glossary. Bill Calkins is owner and president of Pyramid Consulting, a computer training and consulting firm near Grand Rapids, Michigan, specializing in the implementation and administration of Open Systems. He is also the owner of www.unixed.com, a web site that provides online UNIX training materials. He has more than 18 years of experience in UNIX system administration, consulting, and training at more than 100 different companies. Bill has authored several UNIX textbooks, which are currently best sellers and used by universities and training organizations worldwide, including Solaris 8 System Administrator Certification Training Guide (1578702496).

Solaris 10 Security Essentials

You have the man pages: what you need are answers! Solaris Operating Environment Boot Camp puts the answers right at your fingertips. Drawing on nearly 30 years of sys admin experience, David Rhodes and Dominic Butler cover every facet of Solaris OE system administration, from simple user management on standalone servers to building and managing a fully networked enterprise environment. They explain every task in detail, with sample commands, specific output, lists of affected system files, and in some cases, complete shell scripts. Coverage includes filesystems, kernels, packages, shells, Internet/DNS, email, PPP, NIS, backup/restore, security, and much more.

Solaris 9 System Administrator

Covers key performance issues related to using leading databases on Sun servers for system administrators and database programmers. This book brings together best-practice guidelines for every aspect of database tuning on Sun servers.

Solaris 10 System Administration Essentials

Annotation Provides administrators with in depth coverage of the #1 UNIX operating system, including features new to the popular version 9. Provides real-life exposure to the reader for the most popular UNIX operating system. Covers new features of Solaris such as NIS/NIS+ (Network Information Service) and support for IPv6. Information is presented in a concise language and provides graphical cues for clear understanding of the features covered. Solaris 9 is a soon-to-be-released UNIX operating system by Sun Microsystems that enables organizations to improve services, reduce risks, and decrease costs through the promise of scalability, continuous real-time computing, and enhanced security. With the release of Solaris 9, Sun Microsystems has defined what a dot-com grade platform must be. It has been tested in the worlds largest data centers. Special Edition Using Solaris 9 is intended to be a one-stop, in-depth reference guide to Solaris 9. It focuses on the reader gaining real-life exposure to the functions of the operating system. This book avoids jargon, and emphasizes brevity and clarity. It also covers key features of Solaris 9 such as NIS/NIS+, Solstice DiskSuie, Solstice AdminSuite, WebFS, JumpStart, and WebStart. Ganesh Govindaswamy is a Sun Certified Solaris System Administrator and is currently a Solaris System Administrator at InfoBase Technologies Ltd., where he administers user accounts, file systems, and network services. He is also certified in C and C++. NIIT is a global training and software organization offering customized and packaged multimedia educational software products and training. NIIT and Sun Microsystems have a Master Services Agreement. NIIT handles the entire enterprise-wide support functions for Sun, including Sun Technical support, Sun consulting services, training and certification. NIIT has one of the largest learning material development facilities in the world. 0789726505

Solaris 8 Advanced System Administrator's Guide

-- The insider's guide to table structures, cluster configuration, and other optimization opportunities. -- Provides best practices techniques for installing, configuring, and optimizing DB2 in the Solaris Operating Environment. -- Covers the new Solaris Operating Environment security features to make your databases even more secure! -- Part of the IBM Press DB2 Series. This is the only IBM insider's reference and guidebook for making the most of DB2 in Solaris enterprise environments. Coverage includes: integrating Solaris and DB2 to build more secure database applications; working with DB2's management utilities in a Solaris environment; client/server communications under Solaris; special issues and opportunities associated with running DB2 Universal Database Enterprise Edition under Solaris, and much more! The authors explain configuring Solaris and DB2 failover support and provide expert tips and techniques for DB2/Solaris performance monitoring, optimization, and troubleshooting. If you manage or develop for DB2 on Solaris, this book is critical to your success -- and you can't find it anywhere else!

Solaris Internals

Solaris Farm

book 1 of the Solaris Saga 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. AUTOGRAPHED COPY! 1 copy (hardback) of Janet McNulty's latest release, Solaris Seethes, is available. Be the first person to get a sign copy of this thrilling science fiction adventure of betrayal, loyalty, murder, and sacrifice! "McNulty's style is perfect for this genre. She brings wit and great descriptions to the storysuch as: 'she had lost her hair clip during the firefight, as they never hold when one is darting about in an effort to avoid death.'" 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.

Solaris 10 System Administration Exam Prep

"Solaris 8 Administrator's Guide" covers all aspects of deploying Solaris as a net-work server, including both basic and advanced network services. The book shows many examples of configuration files and third-party software installations, and delves more deeply into difficult conceptual material than do the Solaris reference manuals.

Oracle Solaris 11 System Administration

Solaris 10 System Administration Part II Exam CX-310-202 Bill Calkins In this book you'll learn Advanced Topics in Solaris 10 System Administration for SPARC and x86-based systems including: Administering the network environment in Solaris 10 Setting up RAID metadevices using SVM Configuring ZFS storage pools and file systems Configuring and administering Solaris zones and containers Administering virtual file systems and swap space Creating and administering user and Role-Based access accounts (RBAC) Using advanced installation tools to install, clone, and upgrade the operating system Bill's original Cert Prep guides were used throughout Sun's service organization as the SEs studied for Certification. This was not mandated by Sun management but happened through word-of-mouth by those software engineers who had successfully passed the exam. In this new edition, Bill adds a chapter for ZFS. It includes Live Upgrade conversion to a ZFS root filesystem and Zone/ZFS inter-operation. Plus, all chapters have been updated to reflect the Solaris 10 10/08 enhancements. This new guide remains the best source of preparation for the Solaris 10 Cert exam. Brian Howard, Systems Engineer / Solaris Ambassador WRITTEN BY A LEADING SOLARIS EXPERT! Bill Calkins is owner and president of Pyramid Consulting, a computer training and consulting firm specializing in the implementation and administration of open systems. He works as a consultant with Sun Microsystems and has contributed extensively to the Solaris certification program and simulation technology. He also owns www.unixed.com, a website that provides online UNIX training materials. Bill has more than 20 years of experience in UNIX system administration, consulting, and training at more than 250 different companies and government agencies and has authored several books on Solaris. informit.com/examcram ISBN-13: 978-0-7897-3817-2 ISBN-10: 0-7897-3817-1

Solaris 8 System Administrators's Reference

Covers the tasks most crucial to advanced administration including mail services, NIS+ naming service, Automounter Services, Sevice Access Facility, shell programing, and system security.

Solaris Rising 2

About the main psychological and philosophical aspects detached from the film Solaris directed by Andrei Tarkovski, as well as the cinema techniques used by the director to convey his messages to the spectator. In the "Introduction" I briefly present the relevant elements of Tarkovski's biography and an overview of Stanislav Lem's Solaris novel and the film Solaris directed by Andrei Tarkovsky. In "Cinema Technique" I talk about the specific rhythm of the scenes, the radical movement triggered by Tarkovsky in modern cinema, the role of symbolic and iconic elements, and affinities with the fantastic area of Russian literature. In Psychological Aspects I analyze the issue of communication in a human society of the future considered by Tarkovsky as rigid, the obsession of the house, and the personal evolution of Kris, Hari, and the relationships between them. In Philosophical Aspects, the film is analyzed through the philosophy of the mind (Cartesian dualism, reductionism and functionalism), the problem of personal identity, the theory of heterotopic spaces developed by Michel Foucault, and the semantic interpretations that can be deduced from the film. It also analyzes the issue of personal identity through Locke's philosophy. "Conclusions" show the general ideas of this essay, namely that Man's attempts to classify and maintain forms of interaction with unknown entities will always be condemned to failure and will reflect a major mistake in the panoptic world in which we live. In this framework of analysis of the philosophy of mind, functionalism seems to be the most intuitive. Solaris is, however, a movie that begins as a search for answers and comes to provide these answers with a whole range of different questions. CONTENTS: Abstract Introduction 1 Cinema technique 2 Psychological Aspects 3 Philosophical aspects Conclusions Bibliography Notes DOI: 10.13140/RG.2.2.28635.82723

Solaris to Linux Migration: A Guide for System Administrators

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

Solaris 8

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Mastering Solaris?8

With over a million licensed users for Solaris 8, Sun Microsystems successfully launched the long awaited Solaris 9 O/S in May 2002. Soon after, Sun revamped their popular certification track to include two tiered certifications. With new objectives, the Certified System Administrator, is positioned to be one of the most popular IT certifications. In order to obtain your Certified System Administrator certification, one must pass two exams. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

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