Solaris Troubleshooting Guide

* Handy all-in-one reference to Novell's eDirectory for all platforms. * Network consultants and administrators will find instant solutions to common administration issues based on the author's own Novell experiences. * Industry-wide solutions are based on the latest versions of eDirectory and how they integrate with all other versions of NDS and eDirectory.
InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.
The only Oracle Press guide to all three exams required for OCP Oracle Solaris 11 System Administrator and Oracle Certified Expert Oracle Solaris 11 Network Administrator certification OCP/OCE Oracle Solaris 11 System & Network Administrator All-in-One Exam Guide offers 100% coverage of all exam objectives for three Solaris 11 exams, preparing you for two Oracle credentials—OCP Oracle Solaris 11 System Administrator and Oracle Certified Expert Oracle Solaris 11 Network Administrator. By design, this Oracle Press exam guide allows you to prepare for the highest-level Solaris 11 credential, Oracle Certified Expert Network Administrator, while studying for the requisite OCP System Administrator credential. Beyond exam prep, the book also serves as an on-the-job reference, as each chapter includes examples, practice questions, and a chapter summary for a quick review of the chapter's salient points. Exam tips are also interspersed throughout the book to highlight key exam topics. The CD-ROM contains more than 300 practice exam questions, with an additional 300 available for free download, that match the content, feel, and difficulty of the real exam questions. OCP/OCE Oracle Solaris 11 System & Network Administrator All-in-One Exam Guide Covers Oracle Solaris 11 System AND Network Administrator exams Includes CD-ROM with three simulated practice exams and an e-book Offers three additional practice exams for download with free registration for a total of six complete practice exams
Besides covering the most recently released versions of GCC, this book provides a complete command reference, explains how to use the info online help system, and covers material not covered in other texts, including profiling, test coverage, and how to build and install GCC on a variety of operating system and hardware platforms. It also covers how to integrate with other GNU development tools, including automake, autoconf, and libtool.
A guide to Sun's new Solaris 2.x system environment. Defines the duties of the system administrator, and examines the basics of Solaris 2.x such as open windows, virtual file system, virtual memory, the Solaris kernal, and shells. Covers administration issues including utilities, backups and restores, network managing, security, troubleshooting, and interoperability. Includes examples of code and file excerpts. For system administrators, application developers, and Intel users unfamiliar with UNIX. Annotation copyright by Book News, Inc., Portland, OR
A guide to the operating system's practical applications covers listing, finding, displaying, printing, security, editing, Emacs, and writing Bourne Shell Scripts and Perl programs
Lacking access to any enforceable configuration standards, anyone attempting to select and configure hardware required to install Solaris for x86 in stand-alone and networked (grouped) configurations, is bound to hit some troublesome and frustrating pitfalls. Written in non-technical language -- supplemented with how-to illustrations, checklists, and rules-of-thumb -- this user-friendly configuration and planning guide takes the mystery out of technical configuration details and walks readers step-by-step through a simple structured approach for making the critical decisions that will ultimately result in trouble-free computer and network hardware operation. Focuses on good planning as the key to successful hardware configuration and installation. Shows how to: determine hardware requirements; select compatible hardware; configure hardware components; design the physical network; troubleshoot installation problems. Features hardware selection and configuration charts;

resource contact lists; installation planning checklists; technology tutorials; and network design guidelines. For those who are upgrading hardware for use with Solaris for x86, setting up a small networked group of x86 systems, providing technical support of x86 installations, or putting DOS and Solaris for x86 on the same system.

All-in-One is all you need! This authoritative reference offers complete coverage of all material on the Sun Certified Solaris 9 System and Network Administrator exams. You'll find exam objectives at the beginning of each chapter, helpful exam tips, end-of-chapter practice questions, and more. The bonus CD-ROM contains full practice tests, hundreds of questions, and video clips. This comprehensive guide not only helps you pass this challenging certification exams, but will also serve as an invaluable on-the-job reference.

Presenting realworld solutions to common problems, this valuable resource explains how to develop, implement, and manage a network environment that incorporates Windows 2000/NT and UNIX operating systems, covering such applications as SAMBA, Apache, Sendmail, and Exchange Server 5.5. Original. (Intermediate/Advanced)

Everything you need to administer services on Solaris-based systems Major e-commerce players use Sun servers and Solaris to power all or parts of their Internet businesses. If this is a work environment you need to crack, reach out for Solaris: The Complete Reference, by Sriranga Veeraraghavan. This covers-it-all guide puts at your fingertips all of the critical information you need to deploy and administer services on Solaris-based systems: *Installation, system startup and shutdown, and process management *Managing devices, basic and advanced file system, and backups *Routing, Network Information Service, and managing remote access *File sharing with UNIX, Macintosh and Windows systems *Monitoring performance and system activity*More!

* Expanded and revised in light of the GNU Compiler Collection (GCC) 4 release in April 2005, this book offers detailed coverage of GCC's somewhat daunting array of options and features and includes several chapters devoted to its support for languages like C, C++, Java, Objective-C, and Fortran. * Though targeting beginner and intermediate developers, this book goes well beyond basic compiler usage, combining instruction of GCC's advanced features and utilities (authconf, libtool, and gprof) with key coding techniques, such as profiling and optimization to show how to build and manage enterprise-level applications. * This is an enormous market. GCC is the defacto compiler collection for hundreds of thousands of open source projects worldwide, a wide variety of commercial development projects, and is the standard compiler for academic programs.

Including detailed illustrations and screen shots, this is the ultimate study guide to prepare system administrators for Solaris 8 certification and the only book endorsed by Sun Educational Services. It can also be used as a day-to-day quick reference for Solaris 8.

-- 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!

The ZFS file system offers a dramatic advance in data management with an innovative approach to data integrity, tremendous performance improvements, and a welcome integration of file system and volume management capabilities. The centerpiece of this new architecture is the concept of a virtual storage pool, which decouples the file system from physical storage in the same way that virtual memory abstracts the address space from physical memory, allowing for much more efficient use of storage devices. In ZFS, space is shared dynamically between multiple file systems from a single storage pool and is parceled out from the pool as file systems request it. Physical storage can therefore be added to storage pools dynamically, without interrupting services. This provides new levels of flexibility, availability, and performance. Because ZFS is a 128-bit file system, its theoretical limits are truly mind-boggling–2128 bytes of storage and 264 for everything else, including file systems, snapshots, directory entries, devices, and more. Solaris ™ 10 ZFS Essentials is the perfect guide for learning how to deploy and manage ZFS file systems. If you are new to Solaris or are using ZFS for the first time, you will find it very easy to get ZFS up and running on your home system or your business IT infrastructure by following the simple instructions in this book. Then you too will understand all the benefits ZFS offers: Rock-solid data integrity No silent data corruption–ever Mind-boggling scalability Breathtaking speed Near-zero administration Solaris ™ 10 ZFS Essentials is part of the Solaris System Administration Series and is intended for use as a full introduction and hands-on guide to Solaris ZFS. For courses covering UNIX or Solaris System Administration. A tutorial/reference for system administrators that covers the Solaris 8 features most commonly used for basic administration tasks. Contains practical references to key commands and processes with real-life examples. Discusses rule design and implementation, authentication, network address translation, and virtual private networks, focusing on how to set up and configure a network using Check Point Firewall-1.

Umer Khan's first book, Cisco Security Specialist's Guide to PIX Firewalls, ISBN: 1931836639, has consistently maintained its spot as the #1 best-selling PIX book on amazon.com by providing readers with a clear, comprehensive, and independent introduction to PIX Firewall configuration. With the market for PIX Firewalls maintaining double digit growth and several major enhancements to both the PIX Firewall and VPN Client product lines, this book will have enormous appeal with the audience already familiar with his first book. The Cisco Pix firewall is the #1 market leading firewall, owning 43% market share. Cisco is poised to release the newest, completely re-designed version 7 of the Pix operating system in the first quarter of 2004 "Cisco Pix Firewalls: configure | manage | troubleshoot" Covers all objectives on the new Cisco Pix certification exam, making this book the perfect study guide in addition to professional reference Umer Khan's first book "Cisco Security Specialist's Guide to PIX Firewall" has been the #1 market leading Cisco Pix book since it was published in 2002

From Techie to Boss teaches technical people who are making or mulling the transition from

team player to team leader all the management techniques and soft leadership skills they never needed before—but need now, pronto. Veteran team lead and project manager Scott Cromar lays out the classical management training course, but stripped down to precisely the essentials that techies need to start managing on the fly. He gets it that a front-line techie getting a field promotion to team leader just doesn't have the time to wade through an MBA textbook bulging with irrelevant material. The author appreciates how you got to the place where you need this book. Management tapped you instead of some experienced manager from the outside because you know the technical challenges, company culture, and team players better than anyone else: you're ready to hit the ground running. But the skills that make you an excellent techie are not sufficient to make you a successful manager. The rules of your world have abruptly changed. You will now be judged not by your puzzle-solving elegance but by how effectively your team contributes to the organization's bottom line. From Techie to Boss shows you how to translate and adapt the analytic skills that made you an outstanding techie to your new responsibilities as a technical manager. Even more crucially, this book teaches you a whole new set of interpersonal, organizational, and metrical skills you never needed before, but without which you cannot succeed as a manager.

Written by the creators of MySQL and edited by one of the most highly respected MySQL authors, the MySQL Administrator's Guide and Language Reference is the official guide to installing MySQL, to setting up and administering MySQL databases, and to storing and retrieving data in these databases. This new edition combines into one book the MySQL Language Reference (on CD) with the practical information of the MySQL Administrator's Guide book.

This book not only delivers the theoretical concept of UNIX, but also describes how we can work on it in a live environment. It's just like a "Two in One" package where not only you clear your theoretical concept, but also you get a clear practical view and makes you capable of managing your own UNIX server(s) or home PC. It provides various theoretical and practical concepts in the form of quick tips which attracts a user while reading and develops a crystal clear understanding of various UNIX core concepts which are usually missed when you read a normal UNIX book, which will also prepare you for a UNIX or Linux interview or exam. Since this book is written by an administrator who works on managing live UNIX servers, so it also emphases how to troubleshoot various issues and bring the system and services up in case of any failure.

This book provides practical guidelines to administer the Oracle Oracle Real Application Cluster. It's a field guide to administer RAC in real life situation.This book will improve your efficiency as an Oracle database administrator and enable you to master more daunting, difficult administrative, tuning, and troubleshooting tasks than you ever thought possible. Topics covered include:Oracle RAC Architecture, Cluster Administration, Storage, Instance and Service administration. Adding, deleting Nodes, Managing Backup and Recovery, Performance monitoring and Workload Management and it also has useful Metalink note references.This practical field guide also covers a section on useful Metalink Note References, useful weblinks for easy reference and also the useful information search tips on Metalink.

This ultimate reference for DB2 administrators and developers shows the best ways to install, configure, and optimize DB2 and secure databases in the Solaris environment. An insider's guide covers table structures, cluster configuration, and other opportunities for optimization.

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.

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

Covering everything from installation and networking essentials, to file system management and details on NIS/NIS+ and DNS servicesthis is the ideal guide for both implementing a Solaris system from scratch and migrating from Windows or Linux. Filled with set-up checklists, command references, and proven examples of advanced administration techniques. This is a hands-on implemetation guide for the latest version of Sun's popular operating environment. The book is also useful for those new to Solaris or migrating from Windows or UNIX.

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

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.

Scripting has become an enormously popular method of managing and maintaining Windows NT and 2000 networks—as evidenced by the success of Windows NT Shell Scripting, which has sold over 30,000 copies in 2 years. Simpler than programming, yet allowing greater complexity and utility than packaged network management tools, scripting is now the tool of choice by many of you network administrators. Perl is yet another powerful element of the scripting arsenal, yet since it has been ported to the Windows environment, very little information has been published on how to employ this extremely effective tool. Win32 Perl is so powerful that it can accomplish virtually any task that you may want to perform. Dave Roth, prolific creator of Win32 extensions, is prepared to share his unique insight into how these tasks can be accomplished and provide scripts that can be immediately employed. This book illustrates how Perl can automate many current mundane administrative tasks.

The European Molecular Biology Open Software Suite (EMBOSS) is a high quality package of open source software tools for molecular biology. It includes over 200 applications integrated with a range of popular third party software packages under a consistent and powerful command line interface. The tools are available from a wide range of graphical interfaces, including easy to use web interfaces and powerful workflow software. The EMBOSS Administrator's Guide is the official, definitive and comprehensive guide to EMBOSS installation and maintenance: • Find all the information needed to configure, install and maintain EMBOSS, including recent additions for version 6.2 • Step-by-step instructions with real-world examples - saves readers time and helps them avoid the pitfalls on all the common platforms • In-depth reference to database configuration - learn how to set up and use databases under EMBOSS • Includes EMBOSS Frequently Asked Questions (FAQ) with answers - quickly find solutions to common problems

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.

Malware Forensics Field Guide for Linux Systems is a handy reference that shows students the essential tools needed to do computer forensics analysis at the crime scene. It is part of Syngress Digital Forensics Field Guides, a series of companions for any digital and computer forensic student, investigator or analyst. Each Guide is a toolkit, with checklists for specific tasks, case studies of difficult situations, and expert analyst tips that will aid in recovering data from digital media that will be used in criminal prosecution. This book collects data from all methods of electronic data storage and transfer devices, including computers, laptops, PDAs and the images, spreadsheets and other types of files stored on these devices. It is specific for Linux-based systems, where new malware is developed every day. The authors are world-renowned leaders in investigating and analyzing malicious code. Chapters cover malware incident response - volatile data collection and examination on a live Linux system; analysis of physical and process memory dumps for malware artifacts; post-mortem forensics - discovering and extracting malware and associated artifacts from Linux systems; legal considerations; file identification and profiling initial analysis of a suspect file on a Linux system; and analysis of a suspect program. This book will appeal to computer forensic investigators, analysts, and specialists. A compendium of on-the-job tasks and checklists Specific for Linux-based systems in which new malware is developed every day Authors are world-renowned leaders in investigating and analyzing malicious code

Analyze Interent Protocols for smooth network administration. Accelerate traffic, prevent collisions and incompatibilities, and keep your network-to-Internet communications running smoothly with Novell's Guide to Troubleshooting TCP/IP. Each chapter focuses on a different technology and explains what it looks like when communications go right, how to set up a protocol analyzer to catch potential problems and -- most importantly -- what to do when things go wrong. Filled with real-world case studies and step-by-step solutions, this guide keeps you connected, whether you administer a small LAN or a global network.

Novell eDirectory (formerly Novell Directory Services- NDS) is employed by system administrator to define users on the network and links those same users to their access rights with corporate resources, devices like printers and security policies. Novell eDirectory is comparable to Microsoft's Active Directory and is designed for large-scale, high-end directory deployments. Its strengths are scalability and reliability, a flexible yet strong security architecture, compatibility with key industry standards and operating systems. Novell's Guide to Troubleshooting eDirectory is the definitive source for information on eDirectory troubleshooting techniques. It is the single stop reference covering topics from good design to proactive/reactive problem resolution. All of the information presented in this book has been gathered from hands-on, real world experiences of the authors.

The Federal Acquisition Regulation (FAR) contains the uniformpolicies and procedures for acquisitions by executive agencies of the federalgovernment. The FAR is issued and maintained by the Departmentof Defense, the General Services Administration, and the National Aeronauticsand Space Administration. This volume reproduces the FAR and allamendments to the regulations issued prior to this January 1, 2011Edition, along with an easy-to-use topical index. Sources of theamended text are listed in brackets along with the date of issuance and theeffective date for all sections changed since the initial text of FARappeared in the Federal Register of September 19, 1983.Included in this edition:10 Federal Acquisition Circulars32 Final Rules15 Interim Rules1 CorrectionsWith up-to-date coverage on these topics:Use of Project Labor Agreements for Federal Construction ProjectsHUBZone Program RevisionsFederal Awardee Performance and Integrity Information SystemRecovery Act -- Whistleblower ProtectionsRepeal of Small Business Competitiveness Demonstration ProgramPersonal Identity Verification of Contractor PersonnelElectronic Subcontracting Reporting SystemNotification of Employee Rights Under the National Labor Relations ActPublic Disclosure of Justification and Approval Documents for NoncompetitiveContractsRecovery Act -- GAO/IG AccessDisclosure and Consistency of Cost Accounting Practices for Contracts Awardedto Foreign ConcernsRegistry of Disaster Response ContractorsRecovery Act -- Subcontract Reporting ProceduresClarification of Criteria for Sole Source Awards to SDVSBCsReporting Executive Compensation and First-Tier Subcontract AwardsRecovery Act -- Buy American Requirements for Construction MaterialsCertification Requirement and Procurement Prohibition Relating to IranSanctionsTermination for Default ReportingBuy American Exemption for Commercial Information Technology

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