

# Oracle Solaris Cluster Essentials

Oracle® Solaris Cluster Essentials Oracle Solaris Cluster Essentials, Portable Docs Oracle Solaris Cluster Essentials Oracle Solaris 10 System Virtualization Essentials Earth System Modelling - Volume 4 Solaris 10 ZFS Essentials Solaris 10 Security Essentials UNIX Shellprogrammierung Essential Check Point FireWall-1 Shell Scripting Solaris 9 Administration: A Beginner's Guide Starting and Running a Small Business For Canadians For Dummies All-in-One Mike Meyers' A+ Guide: Essentials (Exam 220-601) Essential System Administration Solaris 2.x SunSoft Solaris 2.\* for Managers and Administrators Joe Leydon's Guide to Essential Movies You Must See If You Read, Write About, Or Make Movies High Performance Cluster Computing Sys Admin Solaris 9 Tim Read READ Tim Read Jeff Victor V. Balaji Scott Watanabe Jörg Schorn Dameon D. Welch-Abernathy Steve Parker Paul Watters John Aylen Mike Meyers AEleen Frisch S. Lee Henry Kent Parkinson Joe Leydon Rajkumar Buyya Paul A. Watters

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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

virtualization and related technologies like hypervisors which create virtual machines on a single hardware machine and containers also known as zones which create virtual operating systems running on a single operating system are a totally new area for many system administrators oracle solaristm 10 system virtualization essentials provides an accessible introduction to computer virtualization specifically the system virtualization technologies that use the oracle solaris or opensolaris operating systems this accessible guide covers the key concepts system administrators need to understand and explains how to use dynamic domains to maximize workload isolation on sun sparc systems use oracle vm server for sparc to deploy different oracle solaris 10 and opensolaris environments on sparc cmt chip multithreading systems use oracle vm server for x86 or xvm hypervisor to deploy a server with heterogeneous operating systems use oracle vm virtualbox to develop and test software in heterogeneous environments use oracle solaris containers to maximize efficiency and scalability of workloads use oracle solaris containers to migrate solaris 8 and solaris 9 workloads to new hardware systems mix virtualization technologies to maximize workload density starting with a discussion of system virtualization in general terms the needs of consolidation the benefits of virtualization and a description of the most common types of computer virtualization this book also covers many of the concepts features and methods shared by many implementations of system virtualization oracle s computer virtualization technologies that are directly related to the oracle solaris os are described in detail along with a discussion of the factors that should be considered when choosing a virtualization technology finally several examples of these technologies and an overview of virtualization management software are provided as well as a history of virtualization

collected articles in this series are dedicated to the development and use of software for earth system modelling and aims at bridging the gap between it solutions and climate science the particular topic covered in this volume addresses the issue of data input output and post processing in the context of earth system modeling with an emphasis on parallel i o storage management and analysis subsystems for very large scale data requirements

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 2<sup>128</sup> bytes of storage and 264 for everything else including file systems snapshots directory entries devices and more solaris tm 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 tm 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

solaris tm 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 tm 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

hochverfügbarkeit ist ein immer wichtigeres thema in der it geworden das buch zeigt wie applikationen durch shellprogramme in den veritas cluster server oracle crs und den solaris cluster eingebunden werden können der bereich storageadministration zeigt wie mit hilfe von shellprogrammen asm disks gesucht werden können und wie gespiegelte veritas volumes konsistent erweitert werden können im abschnitt tipps und tricks wird unter anderem gezeigt wie man funktionen nutzen kann um gestartete programme zu überwachen und gegebenenfalls automatisiert zu beenden falls sie nach aufruf nicht innerhalb einer erwarteten zeitspanne antworten vorzüge von versionierungssystemen werden exemplarisch anhand von der frei verfügbaren software git vorgestellt ein Überblick über die für die programmierung wichtigsten umgebungsvariablen der bourne korn und bourne again shell ist ebenso vorhanden wie auch eine sektion welche die vorzüge von sed oder awk zeigt

the insider s guide on how to build implement and maintain checkpoint firewall 1 the number one bestselling firewall in the world this book covers all the essentials of the product and step by step configuration instructions for many of the features people use most

a compendium of shell scripting recipes that can immediately be used adjusted and applied the shell is the primary way of communicating with the unix and linux systems providing a direct way to program by automating simple to intermediate tasks with this book linux expert steve parker shares a collection of shell scripting recipes that can be used as is or easily modified for a variety of environments or situations the book covers shell programming with a focus on linux and the bash shell it provides credible real world relevance as well as providing the flexible tools to get started immediately shares a collection of helpful shell scripting recipes that can immediately be used for various of real world challenges features recipes for system tools shell features and systems administration provides a host of plug and play recipes for to immediately apply and easily modify so the wheel doesn t have to be reinvented with each challenge faced come out of your shell and dive into this collection of tried and tested shell scripting recipes that you can start using right away

ideal for windows or linux administrators looking to learn solaris this easy to use introductory guide covers the basics of solaris 9 single host administration and explains how to manage internet and intranet services

the comprehensive six in one package small business entrepreneurs can't afford to be without with more Canadians considering starting their own small businesses than ever before there's never been a greater need for a detailed comprehensive guide to help budding entrepreneurs get off the ground comprised of six books in one that cover every aspect of running a business from developing a business plan to managing growth successfully and everything in between starting and running a small business for Canadians for dummies all in one will ensure readers' ventures meet with success the ideal resource for the first time entrepreneur in a market when small businesses are growing fast provides a wealth of management advice based on recent research that shows that when small businesses are successful they hire includes the financial advice that keeps new businesses from folding within their first five years offering Canadians everything they need to know about starting their own companies within Canada this six book compilation is essential reading for anyone looking to make it big in the world of small business

essential skills for a successful IT career Mike Meyers the leading authority on CompTIA A+ training and certification has helped hundreds of thousands of people master the skills covered on the CompTIA A+ Essentials exam and now he can help you too completely updated for the new CompTIA A+ Standards Mike Meyers CompTIA A+ Guide Essentials will help you pass CompTIA A+ exam 220 601 and become an expert hardware technician inside you'll find helpful on the job tips end of chapter practice questions and hundreds of photographs and illustrations covers all CompTIA A+ Essentials exam topics including CPUs and RAM CMOS and BIOS settings expansion bus motherboards power supplies hard drives removable media Windows 2000 Professional and Windows XP input output ports video cards portable PCs PDAs and wireless technologies printers networks security the CD-ROM features two full practice exams covering the CompTIA A+ Essentials exam one hour of LearnKey video training featuring Mike Meyers teaching key CompTIA A+ topics electronic copy of the book complete exam objective map list of official CompTIA A+ acronyms useful tools and utilities for PC technicians each chapter includes learning objectives photographs and illustrations real world examples try this and cross check exercises tech tips notes and warnings end of chapter quizzes and lab projects

essential system administration takes an in depth look at the fundamentals of UNIX system administration in a real world heterogeneous environment beginners or experienced administrators will quickly be able to apply its principles and advice to their everyday problems

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 kernel 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

an essential guide to Solaris 2.0 Sunsoft's new UNIX based operating system just for administrators includes discussions of installation system configuration

security and utilities and a comprehensive description of the most commonly used commands

veteran film critic joe leydon analyzes 100 movies that have defined genres influenced filmmakers and serve as standards by which other films are measured

this book offers experts on programming and applications for commodity supercomputers it is organized into three areas programming environments and development tools java for high performance computing and algorithms and applications these three areas have seen major advances in recent years and this book addresses these subjects with breadth and depth for developers researchers administrators managers and users interested in the future of computing

covering everything from installation and networking essentials to file system management and details on nis nis and dns servicethis 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

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