

# Oracle Linux Advanced System Administration

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[ADO ActiveX Data Objects](#) - Jason T. Roff 2001

The architecture of ADO (ActiveX Data Objects), Microsoft's newest form of database communication, is simple, concise, and efficient. This indispensable reference takes a comprehensive look at every object, collection, method, and property of ADO for developers who want to get a leg up on this technology.

[Linux Recipes for Oracle DBAs](#) - Darl Kuhn 2008-11-21

Linux Recipes for Oracle DBAs is an example-based book on managing Oracle Database in a Linux environment. Covering commonly used distributions such as Red Hat Enterprise Linux and Oracle Enterprise Linux, the book is written for database administrators who need to get work done and lack the luxury of curling up fireside with a stack of Linux documentation. The book is task-oriented: Look up the task to perform. See the solution. Read up on the details. Get the job done. Takes you directly from problem to solution Covers the "right" mix of Linux user and administration tasks for database administrators Respects your time by being succinct and to-the-point What you'll learn Execute Linux commands applicable to Oracle Database administration. Write shell scripts to automate critical DBA tasks. Monitor, tune, and optimize a Linux server to run Oracle Database. Perform Linux system administration tasks relevant to Oracle Database. Implement Oracle real application clusters on Linux. Implement Oracle automatic storage management on Linux. Remotely (and securely!) manage Oracle on Linux. Who this book is for Linux Recipes for Oracle DBAs is a book for Oracle database administrators who want to expertly operate Oracle databases on the Linux operating system. If you're new to Linux, or are migrating from a Unix platform, or just want detailed solutions for tasks that Oracle DBAs perform on Linux servers, this book is for you.

[Linux and Solaris Recipes for Oracle DBAs](#) - Darl Kuhn 2015-11-27

Linux and Solaris Recipes for Oracle DBAs, 2nd Edition is an example-based book on managing Oracle Database under Linux and Solaris. The book is written for database administrators who need to get work done and lack the luxury of curling up fireside with a stack of operating-system documentation. What this

book provides instead is task-oriented coverage designed around the needs of the Oracle Database Administrator. Find the right chapter. Look up the task to perform. See the solution. Implement the solution straight away in your own environment. Get the job done. New in this edition is coverage of Oracle's own Solaris operating system. Oracle Corporation has been working diligently to bring commonality between Solaris and Linux, and this book takes advantage of those efforts to provide task-oriented solutions that work on common distributions of Linux such as Red Hat Enterprise Linux and Oracle Enterprise Linux while also accommodating the growing number of Oracle Solaris customers. Examples in the book match the tasks DBAs perform daily, even hourly. Solutions come first in the book, but always are followed by close explanations of the details. Database administrators won't go wrong with Linux and Solaris Recipes for Oracle DBAs. It's the book to buy if you're after clear and reliable examples to help in getting the job done, and getting home to your family. Takes you directly from problem to solution Covers the "right" mix of operating-system tasks for database administrators Respects your time by being succinct and to-the-point Includes coverage of Solaris in addition to common Linux distributions What You Will Learn Execute Linux and Solaris commands applicable to Oracle Database. Automate critical DBA tasks via operating-system shell scripts. Monitor, tune, and optimize Linux and Solaris servers for Oracle. Setup a VirtualBox environment for the Oracle database. Perform system administration tasks relevant to Oracle Database. Remotely (and securely!) manage Oracle on Linux and Solaris. Who This Book Is For Linux and Solaris Recipes for Oracle DBAs is a book for Oracle database administrators who want to expertly operate Oracle databases on the Linux and Solaris operating systems. If you're new to Linux and Solaris and can benefit from detailed examples showing how to perform tasks that Oracle DBAs perform on Linux and Solaris servers, then this book is what you need to help you get the job done, and get home on time.

[Expert Oracle Database 10g Administration](#) - Sam Alapati 2006-11-22

\*One-stop reference for administration and management of Oracle 10g Database \*9i predecessor was a best

seller; this edition covers all new features, with fully field-tested examples—not just "showcase" examples

\*Contains essential primers on Unix, Linux and Windows NT management and on SQL and PL/SQL programming; ideal for new/aspiring DBAs

*Oracle® Solaris 11 System Administration* - Bill Calkins 2013-06-21

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.

*Essential SNMP* - Douglas R. Mauro 2001

A practical introduction to SNMP for system network administrators. Starts with the basics of SNMP, how it works and provides the technical background to use it effectively.

*Expert Oracle9i Database Administration* - Sam Alapati 2008-01-01

This 1,000-page book enables a beginner or intermediate level Oracle DBA or Oracle Developer/Manager to master the art of building and managing complex Oracle 9i databases.

*Computerworld* - 2000-05-08

For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site ([Computerworld.com](http://Computerworld.com)), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

*Running Weblogs with Slash* - Chromatic 2002

This is written for system administrators who may not have the time to learn about Slash by reading the source code. It collects all the current Slash knowledge from the code, Website and mailing lists and organizes it into a coherent package.

*Expert Oracle Database 11g Administration* - Sam Alapati 2009-01-10

Sam Alapati's Expert Oracle Database 11g Administration is a comprehensive handbook for Oracle database administrators (DBAs) using the 11g release of the Oracle Database. All key aspects of database administration are covered, including backup and recovery, day-to-day administration and monitoring, performance tuning, and more. This is the one book to have on your desk as a continual reference. Refer to it frequently. It'll help you get the job done. Comprehensive handbook for Oracle Database administrators. Covers all major aspects of database administration. Tests and explains in detail key DBA commands. Offers primers on Linux/Unix, data modeling, SQL, and PL/SQL.

*AUUGN* - 2003-09

*Java Security* - Scott Oaks 2001

One of Java's most striking claims is that it provides a secure programming environment. Yet despite endless discussion, few people understand precisely what Java's claims mean and how it backs up those claims. If you're a developer, network administrator or anyone else who must understand or work with Java's security mechanisms, Java Security is the in-depth exploration you need. Java Security, 2nd Edition, focuses on the basic platform features of Java that provide security--the class loader, the bytecode verifier, and the security manager--and recent additions to Java that enhance this security model: digital signatures, security providers, and the access controller. The book covers the security model of Java 2, Version 1.3, which is significantly different from that of Java 1.1. It has extensive coverage of the two new important security APIs: JAAS (Java Authentication and Authorization Service) and JSSE (Java Secure Sockets Extension). Java Security, 2nd Edition, will give you a clear understanding of the architecture of Java's security model and how to use that model in both programming and administration. The book is intended primarily for programmers who want to

write secure Java applications. However, it is also an excellent resource for system and network administrators who are interested in Java security, particularly those who are interested in assessing the risk of using Java and need to understand how the security model works in order to assess whether or not Java meets their security needs.

**Designing with Javascript** - Nick Heinle 2002

A guide for beginners offers an overview of JavaScript basics and explains how to create Web pages, identify browsers, and integrate sound, graphics, and animation into Web applications.

**Advanced Oracle Solaris 11 System Administration** - Bill Calkins 2012-08-24

Oracle Solaris 11 enterprise sysadmins: master the advanced techniques you need to manage the increased complexity of today's highly integrated, often heterogeneous systems, and to drive maximum performance, manageability, and value from your Solaris and enterprise technology investments. In Oracle Solaris 11 Advanced System Administration, long-time Oracle Solaris expert Bill Calkins systematically addresses every advanced topic on the latest Solaris sysadmin exam, showing how to apply this knowledge on both SPARC and x86 hardware in today's fast-changing data center environments. Calkins guides you through managing Solaris 11 network environments... setting up RAID metadevices with SVM... configuring ZFS storage pools and file systems... configuring and administering Solaris zones and containers... administering VFS and swap space... creating and managing user and Role-Based Access Accounts (RBAC)... installing, cloning, and upgrading the operating system, and much more. For Oracle Solaris professionals preparing to certify or upgrade their certifications, Calkins provides these and other valuable study tools: chapter-opening quick references; chapter summaries; lists of key terms; exercises; review questions with detailed answers; notes, cautions; exam alerts; and a complete sample exam. Calkins offers even more study resources at his popular website, [unixed.com](http://unixed.com).

**Exim** - Philip Hazel 2001

Exim delivers electronic mail, both local and remote. It's the default mail transport agent installed on some Linux systems; it runs on many versions of Unix and is suitable for any TCP/IP network with any combination of hosts and end-user mail software. Exim is growing in popularity because it's open source, scalable, and rich in features. These include compatibility with sendmail options, database lookups, support for regular expressions and many kinds of address parsing, sophisticated error handling, and parameters for improving performance. Best of all, Exim is easy to configure. You never have to deal with ruleset 3 or worry that a misplaced asterisk will cause an inadvertent mail bomb. Philip Hazel, the creator of Exim, is the author of this official guide, designed for access to quick information when you're in a hurry as well as thorough coverage of

more advanced material.

**Oracle WebLogic Server 12c Advanced Administration Cookbook** - Dalton Iwazaki 2013-01-01

Using real life problems and simple solutions this book will make any issue seem small. WebLogic Server books can be a bit dry but Dalton keeps the tone light and ensures no matter how complex the problem you always feel like you have someone right there with you helping you along. This book is ideal for those who know the basics of WebLogic but want to dive deeper and get to grips with more advanced topics. So if you are a datacenter operator, system administrator or even a Java developer this book could be exactly what you are looking for to take you one step further with Oracle WebLogic Serv.

**Linux Administration Cookbook** - Adam K. Dean 2018-12-31

Over 100 recipes to get up and running with the modern Linux administration ecosystem Key Features Understand and implement the core system administration tasks in Linux Discover tools and techniques to troubleshoot your Linux system Maintain a healthy system with good security and backup practices Book Description Linux is one of the most widely used operating systems among system administrators, and even modern application and server development is heavily reliant on the Linux platform. The Linux Administration Cookbook is your go-to guide to get started on your Linux journey. It will help you understand what that strange little server is doing in the corner of your office, what the mysterious virtual machine languishing in Azure is crunching through, what that circuit-board-like thing is doing under your office TV, and why the LEDs on it are blinking rapidly. This book will get you started with administering Linux, giving you the knowledge and tools you need to troubleshoot day-to-day problems, ranging from a Raspberry Pi to a server in Azure, while giving you a good understanding of the fundamentals of how GNU/Linux works. Through the course of the book, you'll install and configure a system, while the author regales you with errors and anecdotes from his vast experience as a data center hardware engineer, systems administrator, and DevOps consultant. By the end of the book, you will have gained practical knowledge of Linux, which will serve as a bedrock for learning Linux administration and aid you in your Linux journey. What you will learn Install and manage a Linux server, both locally and in the cloud Understand how to perform administration across all Linux distros Work through evolving concepts such as IaaS versus PaaS, containers, and automation Explore security and configuration best practices Troubleshoot your system if something goes wrong Discover and mitigate hardware issues, such as faulty memory and failing drives Who this book is for If you are a system engineer or system administrator with basic experience of working with Linux, this book is for you.

**The Routledge Companion to Risk, Crisis and Security in Business** - Kurt J. Engemann 2018-06-14

Aware that a single crisis event can devastate their business, managers must be prepared for the worst from an expansive array of threats. The Routledge Companion to Risk, Crisis and Security in Business comprises a professional and scholarly collection of work in this critical field. Risks come in many varieties, and there is a growing concern for organizations to respond to the challenge. Businesses can be severely impacted by natural and man-made disasters including: floods, earthquakes, tsunami, environmental threats, terrorism, supply chain risks, pandemics, and white-collar crime. An organization's resilience is dependent not only on their own system security and infrastructure, but also on the wider infrastructure providing health and safety, utilities, transportation, and communication. Developments in risk security and management knowledge offer a path towards resilience and recovery through effective leadership in crisis situations. The growing body of knowledge in research and methodologies is a basis for decisions to safeguard people and assets, and to ensure the survivability of an organization from a crisis. Not only can businesses become more secure through risk management, but an effective program can also facilitate innovation and afford new opportunities. With chapters written by an international selection of leading experts, this book fills a crucial gap in our current knowledge of risk, crisis and security in business by exploring a broad spectrum of topics in the field. Edited by a globally-recognized expert on risk, this book is a vital reference for researchers, professionals and students with an interest in current scholarship in this expanding discipline.

**Oracle Solaris 11 System Administration The Complete Reference** - Michael Jang 2012-09-22

Take Full Advantage of the Oracle Solaris 11 Management Features Manage a highly scalable, cloud-based computing platform and deliver unmatched performance levels at every layer of your IT stack. Oracle Solaris 11 System Administration: The Complete Reference shows how to deploy Solaris from scratch. Get up-to-date details on installation options, device configuration, virtualization techniques, network security, file encryption, and Web services. NFS, Samba, and Apache are fully covered in this Oracle Press guide. Install Oracle Solaris 11 on x86 and SPARC machines Manage storage using the ZFS file system Define user roles and enforce strong access policies Create fully isolated zones and virtual system environments Configure print, e-mail, DNS, and DHCP services Share files and devices using NFS and Samba Set up Apache Web servers and deploy AMP applications

**RHCSA Red Hat Enterprise Linux 8 (UPDATED)** - Asghar Ghori 2020-11-13

HIGHLIGHTS > Covers ALL Latest Official Exam Objectives for RHCSA 8 including Containers and Shell Scripting > Great for Self-Study and In-Class/Virtual Training > 108 Real-Life Step-By-Step Exercises and Shell Scripts > 80 Do-It-Yourself Challenge Labs > 408 Review Questions & Answers > 4 Realistic Sample RHCSA Exams (23 tasks per exam) RHCSA Red Hat Enterprise Linux 8 (UPDATED): Training and Exam

Preparation Guide, Second Edition provides in-depth coverage of the latest RHCSA EX200 exam objectives that include Shell Scripting and Containers. The most definitive guide available on the subject, this book explains concepts, analyzes configuration files, describes command outputs, shows step-by-step procedures (includes screenshots of actual commands executed and outputs they produced), and challenges the readers' comprehension of the concepts and procedures by presenting plenty of additional labs and sample realistic exam tasks to perform on their own. This book has 23 chapters that are organized logically, from setting up the lab to the fundamentals of Linux to sophisticated Linux administration topics. The book covers the topics on local RHEL 8 installation; initial interaction with the system; basic Linux commands; compression and archiving; file editing and manipulation; standard and special permissions; file searching and access controls; user monitoring and authentication files; users, groups, and password aging; bash shell features and startup files; processes and task scheduling; basic and advanced software administration techniques; system boot process and bootloader; kernel management and system initialization; logging and system tuning; basic and advanced storage management tools and solutions; local file systems and swap regions; network device and connection configuration; remote file systems and automounting; time synchronization and hostname resolution; the secure shell service; firewall and SELinux controls; and shell scripting and containers. Each chapter highlights the major topics and relevant exam objectives at the beginning and ends with several review questions & answers and Do-It-Yourself challenge labs. Throughout the book, figures, tables, screen shots, examples, notes, and exam tips are furnished to support explanation and exam preparation. This book includes four sample RHCSA exams that are expected to be performed using the knowledge and skills attained from reading the material, following the exercises, and completing the challenge labs. The labs and the sample exams include hints to relevant topics and/or exercises. This book may be used as a self-learning guide by RHCSA 8 exam aspirants, a resource by instructors and students to follow in physical and virtual training sessions, an on-the-job resource for reference, and an easy-to-understand guide by novice and non-RHEL administrators.

**UNIX System Administration Handbook** - Evi Nemeth 2000-08-29

Now covers Red Hat Linux! Written by Evi Nemeth, Garth Snyder, Scott Seebass, and Trent R. Hein with Adam Boggs, Rob Braun, Ned McClain, Dan Crawl, Lynda McGinley, and Todd Miller "This is not a nice, neat book for a nice, clean world. It's a nasty book for a nasty world. This is a book for the rest of us." –Eric Allman and Marshall Kirk McKusick "I am pleased to welcome Linux to the UNIX System Administration Handbook!" –Linus Torvalds, Transmeta "This book is most welcome!" –Dennis Ritchie, AT&T Bell Laboratories This new edition of the world's most comprehensive guide to UNIX system administration is an

ideal tutorial for those new to administration and an invaluable reference for experienced professionals. The third edition has been expanded to include "direct from the frontlines" coverage of Red Hat Linux. UNIX System Administration Handbook describes every aspect of system administration—from basic topics to UNIX esoterica—and provides explicit coverage of four popular UNIX systems: This book stresses a practical approach to system administration. It's packed with war stories and pragmatic advice, not just theory and watered-down restatements of the manuals. Difficult subjects such as sendmail, kernel building, and DNS configuration are tackled head-on. Examples are provided for all four versions of UNIX and are drawn from real-life systems—warts and all. "This book is where I turn first when I have system administration questions. It is truly a wonderful resource and always within reach of my terminal." –W. Richard Stevens, author of numerous books on UNIX and TCP/IP "This is a comprehensive guide to the care and feeding of UNIX systems. The authors present the facts along with seasoned advice and numerous real-world examples. Their perspective on the variations among systems is valuable for anyone who runs a heterogeneous computing facility." –Pat Parseghian, Transmeta "We noticed your book on the staff recommendations shelf at our local bookstore: 'Very clear, a masterful interpretation of the subject.' We were most impressed, until we noticed that the same staff member had also recommended Aunt Bea's Mayberry Cookbook." –Shannon Bloomstran, history teacher

[Oracle Enterprise Manager 12c Command-Line Interface](#) - Kellyn Pot'Vin 2014-11-03

Oracle Enterprise Manager 12c Command-Line Interface shows how to use Enterprise Manager's powerful scripting language to automate your database administration work and save time by scripting routine tasks, and then executing those scripts across collections of databases and instances in your environment. This book is chock full of ready-made scripting examples contributed by the authors and leading members of the community. For example, you'll find scripts and examples of commands to: Remove an Enterprise Manager agent and its related targets Quickly create administrator accounts that are fully-configured with pre-expired passwords and all needed roles Invoke batch files to execute sequences of related commands with consistency against multiple targets Batch create large groups of user logins with a single command and more! The Enterprise Manager Command Line Interface (EM CLI) is the administrator's key to unlocking the power of Enterprise Manager 12c (EM12c) with scalability, repeatability, and confidence. In previous versions, most administrators ventured into the command-line interface only with the assistance of Oracle Support. But now there are many features in EM12c that are accessible only from the command-line. This is far from a disadvantage! Enterprise Manager is now a powerful tool for automation in the hands of a skilled database administrator. Enterprise Manager scripting offers potential for all administrators who manage Oracle's

enterprise-level products in their environment. You can automate from the smallest, single-instance configuration all the way up to a broadly distributed enterprise-level rollout having database instances strewn across broad geographical distributions. The power of the EM CLI returns the administrator to the golden age, where the entire environment, from database to application to infrastructure, can often be managed from this powerful command line tool secured by the robust Enterprise Manager framework. Brings a golden-age of automation to Oracle Database administrators Provides ready-made scripts contributed by leading members of the community Covers advanced techniques involving Jython and Python

[Windows Me Annoyances](#) - David Karp 2001-03-26

In an ideal world, an operating system is a collection of software that handles a computer's "dirty work" invisibly, quickly, and most of all, painlessly. For many of us, however, Microsoft Windows exists outside this ideal world. We are annoyed by "personalized Menus" that keep changing, icons we don't use cluttering up our workspace, periodic crashes, unintelligible error messages, and inadequate documentation to help us figure it all out. Windows Me Annoyances has the insider information you need for overcoming Windows' many annoyances and limitations. Whether you're looking to finally solve a nagging problem, dramatically improve system performance, or customize the interface to better suit your work habits, the Windows Me Annoyances solution-oriented format makes finding information and implementing solutions easy and pain free. Thanks to the thorough and relevant documentation on the registry, Windows Scripting Host, and Windows' built-in networking capabilities, customizing and improving Windows Me is easier than ever. Based on the author's extremely popular Annoyances.org web sites, Windows Me Annoyances delivers an authoritative collection of techniques and tools for customizing Windows Me, including: Several approaches and hidden tools for working with the Windows registry, the database of system- and application-specific configuration information How to bypass Windows roadblocks such as the Home Networking and System Restore wizards, allowing you to take control of the processes quickly and painlessly A tutorial and reference on automation with the Windows Scripting Host as a means of eliminating many Windows Me annoyances Using third-party software and utilities to handle some of the more complex workarounds and customizations Dealing with software that overwrites your file associations and other settings without warning Windows Me Annoyances is the intermediate and advanced Windows user's best resource for turning Windows into the user-friendly, customizable interface it was meant to be, but doesn't always manage to be on its own.

[Mastering Linux Administration](#) - Alexandru Calcatinge 2021-06-18

Develop advanced skills for working with Linux systems on-premises and in the cloud Key Features Become proficient in everyday Linux administration tasks by mastering the Linux command line and using

automation Work with the Linux filesystem, packages, users, processes, and daemons Deploy Linux to the cloud with AWS, Azure, and Kubernetes Book Description Linux plays a significant role in modern data center management and provides great versatility in deploying and managing your workloads on-premises and in the cloud. This book covers the important topics you need to know about for your everyday Linux administration tasks. The book starts by helping you understand the Linux command line and how to work with files, packages, and filesystems. You'll then begin administering network services and hardening security, and learn about cloud computing, containers, and orchestration. Once you've learned how to work with the command line, you'll explore the essential Linux commands for managing users, processes, and daemons and discover how to secure your Linux environment using application security frameworks and firewall managers. As you advance through the chapters, you'll work with containers, hypervisors, virtual machines, Ansible, and Kubernetes. You'll also learn how to deploy Linux to the cloud using AWS and Azure. By the end of this Linux book, you'll be well-versed with Linux and have mastered everyday administrative tasks using workflows spanning from on-premises to the cloud. If you also find yourself adopting DevOps practices in the process, we'll consider our mission accomplished. What you will learn Understand how Linux works and learn basic to advanced Linux administration skills Explore the most widely used commands for managing the Linux filesystem, network, security, and more Get to grips with different networking and messaging protocols Find out how Linux security works and how to configure SELinux, AppArmor, and Linux iptables Work with virtual machines and containers and understand container orchestration with Kubernetes Work with containerized workflows using Docker and Kubernetes Automate your configuration management workloads with Ansible Who this book is for If you are a Linux administrator who wants to understand the fundamentals and as well as modern concepts of Linux system administration, this book is for you. Windows System Administrators looking to extend their knowledge to the Linux OS will also benefit from this book.

**UNIX and Linux System Administration Handbook** - Evi Nemeth 2017-09-14

“As an author, editor, and publisher, I never paid much attention to the competition—except in a few cases. This is one of those cases. The UNIX System Administration Handbook is one of the few books we ever measured ourselves against.” —Tim O’Reilly, founder of O’Reilly Media “This edition is for those whose systems live in the cloud or in virtualized data centers; those whose administrative work largely takes the form of automation and configuration source code; those who collaborate closely with developers, network engineers, compliance officers, and all the other worker bees who inhabit the modern hive.” —Paul Vixie, Internet Hall of Fame-recognized innovator and founder of ISC and Farsight Security “This book is fun and functional as a desktop reference. If you use UNIX and Linux systems, you need this book in your short-reach

library. It covers a bit of the systems’ history but doesn’t blaviate. It’s just straight-forward information delivered in a colorful and memorable fashion.” —Jason A. Nunnelley UNIX® and Linux® System Administration Handbook, Fifth Edition, is today’s definitive guide to installing, configuring, and maintaining any UNIX or Linux system, including systems that supply core Internet and cloud infrastructure. Updated for new distributions and cloud environments, this comprehensive guide covers best practices for every facet of system administration, including storage management, network design and administration, security, web hosting, automation, configuration management, performance analysis, virtualization, DNS, security, and the management of IT service organizations. The authors—world-class, hands-on technologists—offer indispensable new coverage of cloud platforms, the DevOps philosophy, continuous deployment, containerization, monitoring, and many other essential topics. Whatever your role in running systems and networks built on UNIX or Linux, this conversational, well-written guide will improve your efficiency and help solve your knottiest problems.

**Linux Network Administrator's Guide** - Olaf Kirch 2000

This introduction to networking on Linux now covers firewalls, including the use of ipchains and Netfilter, masquerading, and accounting. Other new topics in this second edition include Novell (NCP/IPX) support and INN (news administration).

**Oracle PL/SQL Programming** - Steven Feuerstein 1999

Oracle8i, the long-awaited "Internet database" from Oracle Corporation, has hit the streets running—and you may find yourself struggling to keep up with Oracle's fast-moving technology. Oracle boasts that Oracle8i offers more than 150 new features, many of them designed to make its popular database programming language, PL/SQL, faster, more powerful, and easier to use. This concise and engaging book is both a companion to Oracle PL/SQL Programming (widely recognized as the "bible" for PL/SQL developers) and a guide designed to bring you up to speed as quickly as possible on the new PL/SQL features of Oracle8i. Following the style of Feuerstein's earlier books, the Guide to Oracle8i Features combines easy-to-understand descriptions of the new Oracle8i features with a wealth of interesting and informative examples. It covers:

- Autonomous transactions
- Invoker rights
- Native dynamic SQL
- Bulk binds and collects
- System-level database triggers
- New built-in packages
- Fine-grained access control
- Calling Java methods from within PL/SQL

Some PL/SQL developers are uneasy about what the introduction of Java means to their applications—and their programming future. But the two languages are expected to work well together in Oracle8i. This book gives you enough Java know-how to build simple Java classes, load them into the Oracle8i database, and leverage those classes from within your PL/SQL code. Now you'll be able to take

advantage of all the power of Java without giving up the performance and usability advantages of PL/SQL! Included with this book is a diskette containing an online tool developed by RevealNet, Inc., that provides point-and-click access to approximately 100 files of reusable source code and examples. The Guide to Oracle8i Features showcases A the powerful new features of Oracle8i designed especially for PL/SQL developers. You'll find it indispensable as you strive to take the fullest possible advantage of everything this exciting new version has to offer. "The Oracle8i release adds a myriad of new features and enhancements to the PL/SQL application development platform-a crucial part of the Oracle programmers arsenal. In his latest book, Steven Feuerstein superbly describes each of these features, going right to the heart of the matter. His technical expertise, lucid descriptions, examples, and humor bring life to the book, making it not just an invaluable reference, but also a wonderful teaching fount. " Usha Sangam, Senior Manager, PL/SQL Language and Compiler Frontend Languages and Object-Relational Technology, Oracle Corporation

**Oracle Essentials** - Rick Greenwald 2013-09-06

Written by Oracle insiders, this indispensable guide distills an enormous amount of information about the Oracle Database into one compact volume. Ideal for novice and experienced DBAs, developers, managers, and users, Oracle Essentials walks you through technologies and features in Oracle's product line, including its architecture, data structures, networking, concurrency, and tuning. Complete with illustrations and helpful hints, this fifth edition provides a valuable one-stop overview of Oracle Database 12c, including an introduction to Oracle and cloud computing. Oracle Essentials provides the conceptual background you need to understand how Oracle truly works. Topics include: A complete overview of Oracle databases and data stores, and Fusion Middleware products and features Core concepts and structures in Oracle's architecture, including pluggable databases Oracle objects and the various datatypes Oracle supports System and database management, including Oracle Enterprise Manager 12c Security options, basic auditing capabilities, and options for meeting compliance needs Performance characteristics of disk, memory, and CPU tuning Basic principles of multiuser concurrency Oracle's online transaction processing (OLTP) Data warehouses, Big Data, and Oracle's business intelligence tools Backup and recovery, and high availability and failover solutions

**Red Hat Certified System Administrator and Engineer (RHCSA / RHCE) RHEL 6** - Asghar Ghori 2012-12-03

Based on Red Hat Enterprise Linux 6 (RHEL 6), this guide covers all official exam objectives and includes more than 100 exercises, more than 550 exam review questions, more than 70 practice labs, and two sample exams.

**Python and XML** - Christopher A. Jones 2002

This book has two objectives--to provide a comprehensive reference on using XML with Python; and to illustrate the practical applications of these technologies in an enterprise environment with examples.

**Red Hat Linux Networking and System Administration** - Terry Collings 2004-02-20

\* Updated to cover Red Hat Linux Enterprise Workstation with the latest on advanced Linux kernel features, the Tux Web server, the latest Apache 2.x Web server, and the expanded suite of custom configuration tools

\* Starts with network planning and Red Hat installation and configuration, then progresses to optimizing network and Internet services and monitoring and maintaining the network

\* Examines the basics of Red Hat Linux security and offers trouble-shooting and problem-solving advice

\* Includes important new chapters that focus on optimizing standard network services, such as file and print services, and Internet-related servers, such as the Apache Web server

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**Enhancing Business Continuity and IT Capability** - Nijaz Bajgori 2020-12-01

Enterprise servers play a mission-critical role in modern computing environments, especially from a business continuity perspective. Several models of IT capability have been introduced over the last two decades. *Enhancing Business Continuity and IT Capability: System Administration and Server Operating Platforms* proposes a new model of IT capability. It presents a framework that establishes the relationship between downtime on one side and business continuity and IT capability on the other side, as well as how system administration and modern server operating platforms can help in improving business continuity and IT capability. This book begins by defining business continuity and IT capability and their importance in modern business, as well as by giving an overview of business continuity, disaster recovery planning, contingency planning, and business continuity maturity models. It then explores modern server environments and the role of system administration in ensuring higher levels of system availability, system scalability, and business continuity. Techniques for enhancing availability and business continuity also include Business impact analysis Assessing the downtime impact Designing an optimal business continuity solution IT auditing as a process of gathering data and evidence to evaluate whether the company's information systems infrastructure is efficient and effective and whether it meets business goals The book concludes with frameworks and guidelines on how to measure and assess IT capability and how IT capability affects a firm's performances. Cases and white papers describe real-world scenarios illustrating the concepts and techniques presented in the book.

**Oracle Database 10g Linux Administration** - Edward Whalen 2005-10-27

Install and configure Oracle Database 10g on a Linux enterprise platform. This book explains how to set up,

administer, monitor, and tune Oracle Database 10g on Linux. You will also learn how to implement High Availability solutions as well as handle backup, recovery, and replication. This exclusive Oracle Press guide is the ideal resource for all Oracle DBAs working in a Linux environment.

[Expert Linux Administration Guide](#) - Vishal Rai 2022-06-08

Linux administration based on hosted virtualization  
**KEY FEATURES**  
□ Designed for absolute beginners and early Linux users with the most up-to-date knowledge.  
□ Contains troubleshooting tips and best practices for running a Linux system on your own.  
□ Supplemental knowledge and insights in server security, threat management, and virtualization.  
**DESCRIPTION** 'Expert Linux Administration Guide' is for the readers who are interested in developing the skills and abilities essential to operate as a professional Linux system administrator. This is the only book that explains everything about Linux practically through examples, simplified visuals, solution tips, and expert-led best practices. This book begins with an introduction to Linux fundamentals and swiftly progresses to the day-to-day tasks of a Linux administrator. You practically learn how to plan your network by installing Linux and gaining a firm grasp of its file system and system configuration. This book covers all the Linux server settings, including DNS, mail servers, Squid proxy servers, and backup recovery. In addition, the book contains troubleshooting hints and ready-to-use solutions for server configuration, load balancing, firewall configuration, network security concerns, and virtualization. The book does not end here, as it discusses some of the advanced administrator's responsibilities. Topics such as monitoring system performance, process controls, user provisioning, file and database recovery and backup, and software package upgrades are also covered. By the end of this book, you'll be able to practise and implement the latest system administration techniques in a Linux environment considerably more effectively.  
**WHAT YOU WILL LEARN**  
□ Learn to install and configure Linux servers quickly.  
□ Manage configurations, license software, and patch security flaws.  
□ Obtain the highest level of support for RAID configurations.  
□ Learn how to set up database servers, backups, and system recovery.  
□ Expert advice on firewalls, web servers, disc utilization, and network resources.  
**WHO THIS BOOK IS FOR** This book is intended for System Managers, System Administrators, Network Administrators, Server Administrators, System Engineers, and others interested in becoming professional Linux Administrators. No prerequisite knowledge is required, as the book covers everything clearly and precisely.  
**TABLE OF CONTENTS**  
1. Linux Fundamental  
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Web Proxy  
17. Apache Web Server  
18. Linux as a Router  
19. NIS Server  
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21. File Transfer Protocol  
22. Samba Configuration  
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24. Linux Hardening  
25. Load Balancer  
26. Setup Network Printer Services  
27. System Backup and Restore Process  
28. Linux Virtualization KVM  
29. Introduction to Open-Source tools  
30. Troubleshooting Network Issues

[Advanced Perl Programming](#) - Sriram Srinivasan 1997

Covers advanced features of Perl, how the Perl interpreter works, and presents areas of modern computing technology such as networking, user interfaces, persistence, and code generation.

[Red Hat Enterprise Linux 8 Administration](#) - Miguel Perez Colino 2021-11-11

Develop the skills to manage and administer Red Hat Enterprise Linux and get ready to earn the RHCSA certification  
**Key Features**  
Learn the most common administration and security tasks and manage enterprise Linux infrastructures efficiently  
Assess your knowledge using self-assessment questions based on real-world examples  
Understand how to apply the concepts of core systems administration in the real world  
**Book Description** Whether in infrastructure or development, as a DevOps or site reliability engineer, Linux skills are now more relevant than ever for any IT job, forming the foundation of understanding the most basic layer of your architecture. With Red Hat Enterprise Linux (RHEL) becoming the most popular choice for enterprises worldwide, achieving the Red Hat Certified System Administrator (RHCSA) certification will validate your Linux skills to install, configure, and troubleshoot applications and services on RHEL systems. Complete with easy-to-follow tutorial-style content, self-assessment questions, tips, best practices, and practical exercises with detailed solutions, this book covers essential RHEL commands, user and group management, software management, networking fundamentals, and much more. You'll start by learning how to create an RHEL 8 virtual machine and get to grips with essential Linux commands. You'll then understand how to manage users and groups on an RHEL 8 system, install software packages, and configure your network interfaces and firewall. As you advance, the book will help you explore disk partitioning, LVM configuration, Stratis volumes, disk compression with VDO, and container management with Podman, Buildah, and Skopeo. By the end of this book, you'll have covered everything included in the RHCSA EX200 certification and be able to use this book as a handy, on-the-job desktop reference guide. This book and its contents are solely the work of Miguel Perez Colino, Pablo Iranzo Gomez, and Scott McCarty. The content does not reflect the views of their employer (Red Hat Inc.). This work has no connection to Red Hat, Inc. and is not endorsed or supported by Red Hat, Inc. What you will learn  
Deploy RHEL 8 in different footprints, from bare metal and virtualized to the cloud  
Manage users and software on local and remote systems at scale  
Discover how to secure a system with SELinux, OpenSCAP, and firewallD  
Gain an overview of storage components with LVM, Stratis, and



VDOMaster remote administration with passwordless SSH and tunnelsMonitor your systems for resource usage and take actions to fix issuesUnderstand the boot process, performance optimizations, and containersWho this book is for This book is for IT professionals or students who want to start a career in Linux administration and anyone who wants to take the RHCSA 8 certification exam. Basic knowledge of Linux and familiarity with the Linux command-line is necessary.

Pro Oracle Database 11g RAC on Linux - Julian Dyke 2011-01-11

Pro Oracle Database 11g RAC on Linux provides full-life-cycle guidance on implementing Oracle Real Application Clusters in a Linux environment. Real Application Clusters, commonly abbreviated as RAC, is Oracle's industry-leading architecture for scalable and fault-tolerant databases. RAC allows you to scale up and down by simply adding and subtracting inexpensive Linux servers. Redundancy provided by those multiple, inexpensive servers is the basis for the failover and other fault-tolerance features that RAC provides. Written by authors well-known for their talent with RAC, Pro Oracle Database 11g RAC on Linux gives you a rock-solid and technically flawless foundation on which to build your RAC-management skills. Authors Julian Dyke and Steve Shaw share their hard-won experience in building RAC clusters, showing you how to build for success using the very latest Oracle technologies, such as Automatic Storage Management (ASM) and Oracle Clusterware. You'll learn to troubleshoot performance and other problems. You'll even learn how to correctly deploy RAC in a virtual-machine environment based upon Oracle VM, which is the only virtualization solution supported by Oracle Corporation. RAC is a complex and powerful technology. It demands expertise in its deployment. You can't just "wing it" in creating a RAC solution. Julian and Steve have earned the right to term themselves expert—in Pro Oracle Database 11g RAC on Linux, they offer a rigorous and technically-correct treatment of RAC that helps you build a solid foundation of expertise and achieve success. Rigorous and technically accurate content Complete coverage of RAC, from planning to implementation to rollout to ongoing maintenance and troubleshooting Up-to-date with the very latest RAC features

Daily Graphic - Ransford Tetteh 2014-03-24

Linux - John Purcell 1999-12

Learn to optimize Linux OS like a pro and get expert tips on DNS servers, Sendmail/qmail, SCSI Programming, I/O Port Programming, Java Programming, Parallel Processing, MySQL Database, Virtual Private Networks, and much more.

**RHCSA Red Hat Enterprise Linux 8:** - Asghar Ghori 2020-01-10

> Covers Red Hat Enterprise Linux 8 > Covers ALL official exam objectives for the RHCSA exam based on Red Hat Enterprise Linux 8 > Equally good for self-study and in-class training > 81 Step-by-Step exercises > 70 Do-It-Yourself Challenge Labs > 375 Check Your Understanding Questions & Answers > Concepts explained with diagrams > Commands and options summarized in tables > Exam tips included > 4 Unique Sample RHCSA Exams This book has 21 chapters that are organized logically. It covers the topics on local RHEL 8 installation; initial interaction with the system and basic commands; compression and archiving; file editing and manipulation; standard and special permissions; file searching and access controls; user monitoring and authentication files; users, groups, and password aging; bash shell features and startup files; processes and task scheduling; basic and advanced software administration techniques; system boot process and bootloader; kernel management and system initialization; logging and system tuning; basic and advanced storage management tools and solutions; local and remote file systems and swap regions; network device and connection configuration; time synchronization and hostname resolution; the secure shell service; and firewall and SELinux controls. Each chapter highlights the major topics and relevant exam objectives at the beginning, and ends with review questions & answers and Do-It-Yourself challenge labs. Throughout the book, figures, tables, screen shots, examples, and exam tips have been furnished to support explanation and exam preparation. This book includes four sample exams for RHCSA, which are expected to be done using the knowledge and skills attained from reading the material and practicing the exercises and challenge labs. The labs and the sample exams include references to relevant topics and/or exercises.