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Second Edition

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Pro Linux System Administration Dennis Matotek,James Turnbull,Peter Lieverdink,2017-03-14 Implement a SOHO or SMB Linux infrastructure to expand your business and associated IT capabilities Backed by the expertise and experienced guidance of the authors this book provides everything you need to move your business forward Pro Linux System Administration makes it easy for small to medium sized businesses to enter the world of zero cost software running on Linux and covers all the distros you might want to use including Red Hat Ubuntu Debian and CentOS Pro Linux System Administration takes a layered component based approach to open source business systems while training system administrators as the builders of business infrastructure Completely updated for this second edition Dennis Matotek takes you through an infrastructure as code approach seamlessly taking you through steps along the journey of Linux administration with all you need to master complex systems This edition now includes Jenkins Ansible Logstash and more What You ll Learn Understand Linux architecture Build back up and recover Linux servers Create basic networks and network services with Linux Build and implement Linux infrastructure and services including mail web databases and file and print Implement Linux security Resolve Linux performance and capacity planning issues Who This Book Is For Small to medium sized business owners looking to run their own IT system administrators considering migrating to Linux and IT systems integrators looking for an extensible Linux infrastructure management approach *Pro Linux System Administration* James Turnbull,Dennis Matotek,Peter Lieverdink,2009-09-01 We can all be Linux experts provided we invest the time in learning the craft of Linux administration Pro Linux System Administration makes it easy for small to medium sized businesses to enter the world of zero cost software running on Linux and covers all the distros you might want to use including Red Hat Ubuntu Debian and CentOS Authors and systems infrastructure experts James Turnbull Peter Lieverdink and Dennis Matotek take a layered component based approach to open source business systems while training system administrators as the builders of business infrastructure If you want to implement a SOHO or SMB Linux infrastructure Pro Linux System Administration clearly demonstrates everything you need You ll find this book also provides a solid framework to move forward and expand your business and associated IT capabilities and you ll benefit from the expertise and experienced guidance of the authors Pro Linux System Administration covers An introduction to using Linux and free and open source software to cheaply and efficiently manage your business A layered model that allows your infrastructure to grow with your business Easy and simple to understand instructions including configurations examples and extensive real world hints and tips **Enterprise Operations Management Handbook, Second Edition** Steven F. Blanding,2020-10-14 The Enterprise Operations Management Handbook provides the expert advice and guidance of hundreds of leading computing practitioners and consultants Covering all major areas of enterprise operations management this edition provides essential information for managing a modern evolving data center Topics include business issues technology issues and

operational issues This current practical reference also reviews such critical areas as strategic planning data center management data center controls systems planning network technology contingency planning human resource planning desktop computing and future directions The Enterprise Operations Management Handbook serves as an invaluable tool for designing building and maintaining a high performance service oriented data center **UNIX and Linux System**

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ready to go beyond an introduction *Linux System Administration* M. Carling, Stephen Degler, James Dennis, 2000 Authors M Carling and Jim Dennis provide system administrators with expert advice on managing their Linux systems on a daily basis In depth coverage delves into the issues of integrating Linux into corporate heterogeneous network environments

AUUGN ,2002-10 **Version Control with Subversion** C. Michael Pilato, Ben Collins-Sussman, Brian W.

Fitzpatrick, 2008-09-23 Written by members of the development team that maintains Subversion this is the official guide and reference manual for the popular open source revision control technology The new edition covers Subversion 1.5 with a complete introduction and guided tour of its capabilities along with best practice recommendations Version Control with Subversion is useful for people from a wide variety of backgrounds from those with no previous version control experience to experienced system administrators Subversion is the perfect tool to track individual changes when several people collaborate on documentation or particularly software development projects As a more powerful and flexible successor to the CVS revision control system Subversion makes life so much simpler allowing each team member to work separately and then merge source code changes into a single repository that keeps a record of each separate version Inside the updated edition Version Control with Subversion you will find An introduction to Subversion and basic concepts behind version control A guided tour of the capabilities and structure of Subversion 1.5 Guidelines for installing and configuring Subversion to manage programming documentation or any other team based project Detailed coverage of complex topics such as branching and repository administration Advanced features such as properties externals and access control A guide to best practices Complete Subversion reference and troubleshooting guide If you've never used version control you will find everything you need to get started And if you're a seasoned CVS pro this book will help you make a painless leap into Subversion

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Communications Systems Management Handbook, Sixth Edition Anura Guruge, Lisa Gaetta, 1999-10-25 Just a decade ago many industry luminaries predicted the collapse of the centralized data center and IT structure In its place would be a more decentralized client server model built upon the Open Systems Interconnect OSI networking architecture However client server never fully realized all of its promises and OSI floundered Now instead of client server and OSI we have the Web based model and TCP IP Together Web oriented technologies i e browsers web servers HTML Java and TCP IP are completely changing how the enterprise views its network Instead of serving as primarily an internal utility the enterprise network is now a vital means of delivering products and services and of tying an enterprise more closely to its customers partners and suppliers The impact to the very structure of the enterprise network could not be more profound Providing extensive coverage of planning networking LANs systems management communications issues and trends Communications Systems Management Handbook 6th Edition is your most reliable source for solid dependable solutions to real world data communications problems The tips strategies and case studies provided do more than just save

you time and money They also save your data communications network and with it your professional life This new edition of the Communications Systems Management Handbook provides you with detailed information on the different facets of change in the enterprise network Enterprise network architectures LAN and campus networking Remote access WAN Data centers Client and servers Security Network Management What's more the New Edition is dramatically restructured providing a more logical grouping of articles into discrete sections that bring focus to a particular enterprise networking topic In addition the content of this edition has been substantially updated Almost three quarters of the articles are new to this edition The common theme throughout the handbook is the change that the enterprise network is undergoing and how to manage it The handbook's generous use of illustrations simplifies the technical workings of networks and communications systems The comprehensive index makes it easy to find the topics you want and related topics And because each chapter is written by an expert with first hand experience in data communications no other book gives you such a full range of perspectives and explanations of the technical planning administrative personnel and budget challenges of the communication manager's job Covering everything from electronic commerce to multimedia from system design and cost allocation to Ethernet switches and the impact of virtual private networks this is your one stop source for the best most essential data communications expertise to be found anywhere The Communications Systems Management Handbook serves as an information tool for proven advice and methods on managing network services and costs creating networking solutions and preparing for advanced communications network technologies *Perl for System Administration* David N.

Blank-Edelman,2000 Some people plan to become administrators The rest of us are thrust into it we are webmasters hobbyists or just the default technical people on staff who are expected to keep things running After some stumbling around repeating the same steps over and over again and occasionally paying the price when we forget one we realize that we must automate these tasks or suffer endless frustration Thus enters Perl The Perl programming language is ideal for writing quick yet powerful scripts that automate many administrative tasks It's modular it's powerful and it's perfect for managing systems and services on many platforms Perl for System Administration is designed for all levels of administrators from hobbyists to card carrying SAGE members sysadmins on multi platform sites Written for several different platforms Unix Windows NT and Mac OS it's a guide to the pockets of administration where Perl can be most useful for sites large and small including Filesystem management User administration with a dash of XML DNS and other network name services Database administration using DBI and ODBC Directory services and frameworks like LDAP and ADSI Using email for system administration Working with log files of all kinds Each chapter concentrates on a single administrative area discusses the possible pitfalls and then shows how Perl comes to the rescue Along the way we encounter interesting Perl features and tricks with many extended examples and complete programs The scripts included in the book can simply be used as written or with minimal adaptation But it's likely that readers will also get a taste of what Perl can do and start extending those

scripts for tasks that we haven't dreamed of Perl for System Administration doesn't attempt to teach the Perl language but it is an excellent introduction to the power and flexibility of Perl and it whets the appetite to learn more It's for anyone who needs to use Perl for system administration and needs to hit the ground running

Pro Open Source Mail Curtis Smith, 2007-02-01 Pro Open Source Mail Building An Enterprise Mail Solution is the first book to cover development and deployment of an enterprise mail server environment Authored by Curtis Smith a system administrator with more than five years of experience managing mail environments Shows readers how to filter spam using the popular SpamAssassin open source project and how to stop viruses using the MailScanner Amavis and ClamAV projects

Information Technology for Librarians and Information Professionals, Jonathan M. Smith, 2021-03-25 This comprehensive primer introduces information technology topics foundational to many services offered in today's libraries and information centers Written by a librarian it clearly explains concepts familiar to the IT professional with an eye toward practical applications in libraries for the aspiring technologist Chapters begin with a basic introduction to a major topic then go into enough technical detail of relevant technologies to be useful to the student preparing for library technology and systems work or the professional needing to converse effectively with technology experts Many chapters also present current issues or trends for the subject matter being discussed The twelve chapters cover major topics such as technology support computer hardware networking server administration information security web development software and systems development emerging technology library management technologies and technology planning Each chapter also includes a set of pedagogical features for use with instruction including Chapter summary List of key terms End of chapter question set Suggested activities Bibliography for further reading List of web resources Those who will find this book useful include library information science students librarians new to systems or information technology responsibilities and library managers desiring a primer on information technology

Linux System Administration Tom Adelstein, Bill Lubanovic, 2007-03-27 This guide provides a solid background for Linux desktop users who want to move beyond the basics of Linux and for experienced system administrators who are looking to gain more advanced skills

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