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CFE39R - JOSEPH AUBREE

The Definitive Guide to SUSE Linux Enterprise Server 12 is a task-oriented book designed for self-study as well as classroom environments, which will also serve you as a reference guide. The book covers all skills that system administrators typically need to posses to administer SUSE Linux Enterprise Server in corporate environments. It starts at the beginning, which makes The Definitive Guide to SUSE Linux Enterprise Server 12 suitable for people without any preliminary Linux knowledge, and yet works up to advanced SUSE Linux administration tasks, such as building a cluster, optimizing performance or managing SUSE Linux Enterprise Server with SUSE Manager. The Definitive Guide to SUSE Linux Enterprise Server 12 is an ideal reference guide for system administrators, but is also perfect as a study book to prepare for the CLA, CLP as well as the CLE exams. This book contains step-by-step exercises, and scenario based exercises at the end of each chapter to help readers getting familiar with the subjects that are required to pass these three exams. The Definitive Guide to SUSE Linux Enterprise Server 12also contains test exams, so you can use it as a study guide in a formal learning environment or as a book that you can learn and test your own progress as you master SUSE Linux Enterprise Server. You'll learn everything you need to know and the skills you need to manage SUSE Linux Enterprise Servers, from installing a secure server, to performing the day-to-day management tasks on SUSE Linux Enterprise Server. Along the way you'll encounter and master SUSE Linux Enterprise Server in a data center environment, how to manage your SUSE Enterprise Server for High Availability, and you'll see how to manage your SUSE Linux Enterprise Server with SUSE Manager. From installation to expert management, The Definitive Guide to SUSE Linux Enterprise Server 12 will show you the ways to succeed with Linux Enterprise Server 12.
The Installation and Configuration Guide includes information to install and configure MicroStrategy products on Windows, UNIX and Linux platforms, as well as basic maintenance guidelines.
Includes new coverage of Novell Linux Desktop and Open Enterprise Server (Novell's traditional environment running on SUSE), with information on YaST management tools and the OpenExchange e-mail server Introduces basic Linux methodologies, including partitions, filesystems, filesystem layout, and more Covers the SUSE system, command line programs, implementing online services, and using SUSE business tools in the enterprise setting Features a section devoted to end-user needs Also covers virtualization, including dosemu, wine, Crossover Office, uml xen and Vmware, expanded coverage of SUSE with sendmail, CUPS, LDAP and more Companion DVD includes the SUSE Linux distribution
Starter kit for setting up the Linux operating system on a typical PC. The package includes SUSE Linux 10.1, and a variety of reference material including a print Quick start guide.

SUSE Linux: A Complete Guide to Novell's Community Distribution will get you up to speed quickly and easily on SUSE, one of the most friendly and usable Linux distributions around. From quick and easy installation to excellent hardware detection and support, it's no wonder SUSE is one of the most highly rated distributions on the planet. According to Novell, SUSE is installed more than 7,000 times every day, an average of one installation every 12 seconds. This book will take you deep into the essential operating system components by presenting them in easy-to-learn modules. From basic installation and configuration through advanced topics such as administration, security, and virtualization, this book captures the important details of how SUSE works--without the fluff that bogs down other books and web sites. Instead, readers get a concise task-based approach to using SUSE as both a desktop and server operating system. In this book, you'll learn how to: Install SUSE and perform basic administrative tasks Share files with other computers Connect to your desktop remotely Set up a web server Set up networking, including Wi-Fi and Bluetooth Tighten security on your SUSE system Monitor for intrusions Manage software and upgrades smoothly Run multiple instances of SUSE on a single machine with Xen Whether you use SUSE Linux from Novell, or the free openSUSE distribution, this book has something for every level of user. The modular, lab-based approach not only shows you how--but also explains why--and gives you the answers you need to get up and running with SUSE Linux. About the author: Chris Brown is a freelance author and trainer in the United Kingdom and Europe. Following Novell's acquisition of SUSE, he taught Linux to Novell's consultants and IT staff and is certified in both Novell's CLP program and Red Hat's RHCE. Chris has a PhD in particle physics from Cambridge.
Shows how to install single or multiple systems and how to exploit the product inherent capabilities for a deployment infrastructure. Choose from various approaches, ranging from a local installation or a network installation server to a mass deployment using a remote-controlled, highly-customized, and automated installation technique.
SUSE Linux 10.1 Kick Start is a quick, task-oriented electronic guide to installing, configuring, extending and troubleshooting the hot new SUSE Linux 10.1 distribution and its most important new features -- including the awe-inspiring XGL 3D graphics for the desktop and handy NetManager utility for trouble-free wi-fi access anywhere. Delivered in Adobe PDF format for quick and easy access, SUSE Linux 10.1 Kick Start is an electronic resource that clearly and concisely shows new SUSE 10.1 users how to get installation and configuration right the first time. No long and windy discussions of the politics of open source, no painfully slow walkthroughs of already intuitive desktop software -- just a to-the-point, ultra-accessible guide showing the steps to take to successfully install and configure SUSE Linux 10.1 for desktop computing. Table of Contents 1 Introducing SUSE Linux 10.1 1.1 The different versions of SUSE Linux 1.2 Changes since SUSE Linux 10.0 1.3 Release information, supported architectures, and system requirements 1.4 Licensing and rights: what you can and can't do

with SUSE Linux 2 Installing SUSE Linux 10.1 2.1 32-bit or 64-bit? 2.2 Upgrade tips and information 2.3 Switching from other GNU/Linux distributions 2.4 Switching from Microsoft Windows 2.5 Preinstall checklist 2.6 Booting from the installation media 2.7 Installer configuration options 2.8 Drive partitioning 2.9 Selecting software packages 2.10 Finalizing your settings 2.11 Hostname, Root Password, Networking, and Users 2.12 Release notes 2.13 Graphics, printers, and sound card configuration 2.14 First boot 3 Post-install configuration 3.1 Configuring your computer with YaST and SaX 3.2 Networking and modems 3.3 Installation sources 3.4 Staying up to date 3.5 Installing the ATI video driver 3.6 Installing the Nvidia video driver 3.7 DVD video playback for 32-bit systems 3.8 DVD video playback for 64-bit systems 3.9 Playing Windows media files 3.10 Adding more software 3.11 Enhancing your graphics with XGL and Compiz 3.12 Printing 3.13 Sound configuration 3.14 Setting up email 4 Transferring data from Microsoft Windows 4.1 Mass transfer of data and settings from Microsoft Windows 4.2 Data destinations: where to put your files 4.3 Moving old email from Windows 4.4 Moving system fonts from Windows 4.5 Using MS Office documents in SUSE 10.1 5 Where to go for help 5.1 Web links 5.2 Related books and further reading.

To meet today's complex and ever-changing business demands, you need a solid foundation of compute, storage, networking, and software resources that is simple to deploy and can quickly and automatically adapt to changing conditions. You also need to make full use of broad expertise and proven preferred practices in systems management, applications, hardware maintenance, and more. The IBM® Flex System p270 Compute Node is an IBM Power SystemsTM server that is based on the new dual-chip module POWER7+TM processor and is optimized for virtualization, performance, and efficiency. The server supports IBM AIX®, IBM i, or Linux operating environments, and is designed to run various workloads in IBM PureFlexTM System. The p270 Compute Node is a follow-on to the IBM Flex SystemTM p260 Compute Node. This IBM Redbooks® publication is a comprehensive guide to the p270 Compute Node. We introduce the related Flex System offerings and describe the compute node in detail. We then describe planning and implementation steps including converged networking, management, virtualization, and operating system installation. This book is for customers, IBM Business Partners, and IBM technical specialists who want to understand the new offerings and plan and implement an IBM Flex System installation that involves the Power Systems compute nodes.

For organizations charting their way forward in today's digital economy, the clear imperative is to find better ways of extracting more value from data. By gleaning insight from data regarding customer preferences and business operations, organizations can respond to demand more effectively and better deliver the experiences that today's customers want. To this end, many organizations running SAP solutions seek to make the move to the SAP HANA database. SAP HANA offers the speed of in-memory data processing and the ability to combine transactions and analytics on a single platform for insight in real time. However, considerations at the level of IT infrastructure can make or break the success of an SAP HANA implementation. What the database runs on, in other words, matters significantly. This IBM® Redguide publication explores the value of deploying SAP HANA on SUSE Linux Enterprise Server for SAP Applications and the IBM Power platform with IBM POWER9TM processors. Both offerings are optimized to help your organization reap the rewards of SAP HANA while also transforming IT service delivery more generally. Designed for enterprise-grade operations, SUSE Linux Enterprise Server for SAP Applications offers an open-source software-defined infrastructure (SDI) that is optimized for SAP workloads. Reliable, fast, and secure, it also supports the automation that is needed to substantially free up IT staff from service deployment and management duties. Power Systems servers support SAP HANA implementations according to the SAP Tailored Data Center Integration (TDI) 5.0 specification. Optimized for scale-up and scale-out scenarios and built to support virtual persistent memory, Power Systems serves help you provision faster, scale affordably, and maximize uptime by persisting memory across virtual machines (VMs) and multiple SAP HANA instances. Both SUSE and IBM have partnered with SAP for decades to fine-tune these offerings. Together, SUSE and IBM solutions offer a way forward for deploying, optimizing, and running SAP HANA implementations that is proven to be successful. This publication looks at various aspects of this combined offering in greater detail.

This IBM Redbooks publication is designed as a study guide for professionals wanting to prepare for the certification exam to achieve IBM Certified Systems Expert - eServer p5 and pSeries Enterprise Technical Support AIX 5L V5.3. This technical support certification validates a broad scope of configuration, installation, and planning skills. In addition, it covers administrative and diagnostic activities needed to support logical partitions and virtual resources. This publication helps IBM eServer p5 and pSeries professionals seeking a comprehensive and task-oriented guide for developing the knowledge and skills required for the certification. It is designed to provide a combination of theory and practical experience needed for a general understanding of the subject matter. This publication does not replace the practical experience you should have, but is an effective tool that, when combined with education activities and experience, should prove to be a very useful preparation guide for the exam. Due to the close association with the certification content, this publication might reflect older software and firmware levels of the IBM eServer p5 systems and available features. If you are planning to take the eServer p5 and pSeries Enterprise Technical Support AIX 5L V5.3 certification exam, this book is for you.

Teaches you how and what to study in order to be best prepared for the Certified OpenStack Administrator exam. This fast--growing technology is creating a market that needs more qualified IT specialists with proven skills. This book covers 100% of the exam requirements for both The OpenStack Foundation and the Mirantis OpenStack Certification Exam. Each theme is taught using practical exercises and instructions for the command line and for the graphical client (Horizon). Each chapter is followed by review questions, complete with answers. Even after you have taken and passed your OpenStack exam, this book will remain a useful reference. What You Will Learn Understand the components that make up the cloud. Install and make an OpenStack distribution from Mirantis, Red Hat or another community version. Work with OpenStack Identity Management, Dashboard, CLI, Object Storage, Block Storage, Networking, Telemetry, Orchestration, and Image Services. Learn how to troubleshoot all the main OpenStack services. Understand where to find information for future work with OpenStack. Who This Book Is For Certified OpenStack Administrator Study Guide is for Cloud and Linux engineers looking for a better understanding of how to work with the modern OpenStack IaaS Cloud, and wants to prove their knowledge by passing a Certified OpenStack Administrator Exam.

A guide to SUSE Linux 9 covers such topics as installation, using the command line, implementing network services, running an FTP server, and using Windows with Samba.

In an increasingly interconnected world, data breaches grab headlines. The security of sensitive information is vital, and new requirements and regulatory bodies such as the Payment Card Industry Data Security Standard (PCI-DSS), Health Insurance Portability and Accountability Act (HIPAA), and Sarbanes-Oxley (SOX) create challenges for enterprises that use encryption to protect their information. As encryption becomes more widely adopted, organizations also must contend with an ever-growing set of encryption keys. Effective management of these keys is essential to ensure both the availability and security of the encrypted information. Centralized management of keys and certificates is necessary to perform the complex tasks that are related to key and certificate generation, renewal, and backup and recovery. The IBM® Enterprise Key Management Foundation (EKMF) is a flexible and highly secure key management system for the enterprise. It provides centralized key management on IBM zEnterprise® and distributed platforms for streamlined, efficient, and secure key and certificate management operations. This IBM Redbooks® publication introduces key concepts around a centralized key management infrastructure and depicts the proper planning, implementation, and management of such a system using the IBM Enterprise Key Management Foundation solution.

The few Linux distribution-specific books mostly deal with generic information. This text focuses on more complex issues of Linux, walking readers through often-frustrating steps with simple, easy-to-understand language. Detailed instructions on installing the KDE desktop and YaST System Administration tool also are included. CD contains SuSE Linux 6.1 utilities and applications.

SUSE Linux Enterprise Server 12 - Administration Guide covers system administration tasks like maintaining, monitoring and customizing an initially installed system. This book is available for free in many languages and different formats on the suse.-com web site. This book is printed in grayscale.

SUSE Linux 10 Unleashed presents comprehensive coverage of the latest version of SUSE Linux, one of the most popular and most complete Linux distributions in the world.

This guide contains instructions on how to install, manage and deploy SUSE(r) Linux Enterprise Point of Service. Learn which components constitute a SUSE Linux Enterprise Point of Service environment and how to configure the individual servers and terminals. The guide is intended mainly for system administrators

The complete guide to running SuSE Linux on IBM Netfinity(r) Servers Netfinity server-specific coverage you can't find anywhere else -- including ServeRAID configuration! Plan, configure, and install key services, step-by-step: Samba, Apache, Sendmail, DNS, DHCP, LDAP, and more All content fully tested by IBM technicians for reliability, clarity, performance, and security The complete, expert guide to running SuSE Linux 6.2/6.3 on IBM Netfinity Servers Extensive networking, Internet, and security coverage: Apache, Sendmail, Samba, DNS/DHCP, ipchains, and more Comprehensive, Netfinity(r) server-specific coverage of installation, configuration, management, and troubleshooting Specific, proven recommendations for disk partitioning, hardware management, SAMBA configuration, and more SuSE Linux performance optimization and system monitoring Here's all the information you need to maximize SuSE Linux performance and reliability on IBM's state-of-the-art Netfinity server platforms. In this book, a team of IBM's top Linux experts presents start--to-finish, Netfinity server-specific coverage of SuSE Linux 6.2/6.3 deployment and system administration throughout the entire system lifecycle! You'll get running fast with IBM's expert step-by-step preparation and installation techniques: review updating your BIOS and firmware; making the CD-ROM bootable, preparing SCSI devices, partitioning, configuration, XWindows setup, deploying IBM ServeRAID in SuSE Linux environments, and much more. Next, you'll master all the key techniques of day-to-day SuSE Linux system administration, including backup and recovery, Internet and email connectivity, DNS/DHCP name services, and using SuSE Linux with-Samba as a world-class file/print server for Windows workstations. IBM-tested, proven, and crystal clear, this is the one essential book for everyone running SuSE Linux on Netfinity servers. Sharing Technical Expertise from Around the World Prentice Hall PTR has selected this IBM Redbook for its worldwide publishing program. IBM Redbooks are produced by the International Technical Support Organization where experts from around the world work together to build effective technical information based on their practical work experience. For more information: http: //www.redbooks.ibm.com/redbooks

Booting servers from a storage area network (SAN) is being used increasingly in complex data center environments today, due to its significant benefits over the traditional method of booting from local disks. SAN Boot enables organizations to maximize consolidation of their IT resources, minimize their equipment costs, and realize the considerable management benefits of centralizing the boot process. In SAN Boot, you can deploy diskless servers in an environment where the boot disk is located on (often RAID-capable) storage connected to the SAN. The server (initiator) communicates with the storage device (target) through the SAN using the Fibre Channel host bus adapter (HBA). The system downtime is greatly minimized in case a critical component such as a processor, memory, or host bus adapter fails and needs to be replaced. The system administrator needs to swap only the hardware and reconfigure the HBA's BIOS, switch zoning, and host-port definitions on the storage server. The system image still exists on the logical drive, therefore the server is fully operational after the hardware swap and configuration change is completed. This IBM® Redbooks® publication can help you with the SAN Boot implementation. We present various SAN Boot scenarios using IBM System Storage® products that include DS5000, DS8000®, XIV®, and SVC. The operating systems that are covered include Windows 2008, Red Hat Linux, SUSE Linux, and VMware.

This easy-to-understand book for beginning SUSE Linux users starts off with step-by-step installation instructions and a discussion of what happens when the system is started for the first time Explains how to use SUSE on the desktop, work with the file manager, connect to the Internet, and set up a home network Topics addressed include performing everyday tasks, such as browsing the Web; reading e-mail and newsgroups; and using the OpenOffice.org office productivity suite and multimedia applications Offers details on basic system administration and security and shows how to add new software and keep the system up to date with YaST (Yet another Setup Tool) and YaST Online Update (YOU) The DVD contains SUSE 9.3 Special Edition

Readers of all levels stand to benefit from this book's coverage of SUSE's ability to play MP3s and DVDs, burn CDs, perform office tasks and data backups, and offer a secure operating system environment. Whether it is a reader evaluating SUSE for deployment in a corporate environment, or a student interested in foregoing expensive licensing arrangements, this book serves as an invaluable guide to the Linux platform. Having solidified its position as Europe's most popular variant SUSE Linux continues to grow in popularity within the U.S. market. SUSE is an increasingly viable alternative to the Windows platform on both the desktop and server level.

SUSE Linux Enterprise Server 12 - Deploy-

ment Guide shows how to install single or multiple systems and how to exploit the product in- herent capabilities for a deployment infrastructure. Choose from various approach- es, ranging from a local installation or a network installation server to a mass de- ployment using a remote-controlled, highly-customized, and automated installation technique. This book is available for free in many languages and different formats on the suse.com web site. This book is printed in grayscale.

SUSE Linux Enterprise Server 12 - AutoYaST Guide. AutoYaST is a system for unattended mass deployment SUSE Linux Enterprise Serv- er systems using an AutoYaST profile containing installation and configuration data. The manual guides you through the basic steps of auto-installation: preparation, in- stallation, and configuration. This book is available for free in many languages and different formats on the suse.com web site. This book is printed in grayscale.

Install SUSE Linux and take advantage of cool new tools Use OpenOffice.org, go online with Firefox?, set up a wireless LAN,and more SUSE Linux is gaining popularity everywhere, and you'll soon seewhy. This friendly guide will help you install and configure thenewest version, then help you work with digital media, build anetwork, get acquainted with Firefox (the super-secure browser thathas everybody excited),explore Skype and Linphone Internet phoneservices, and much more! Discover how to * Set up an Ethernet LAN with wireless access * Use the OpenOffice.org productivity suite * Read newsgroups and use instant messaging * Play music and burn CDs * Secure your SUSE system

Design, deploy, and maintain your own private or public Infrastructure as a Service (IaaS), using the open source OpenStack platform. In this practical guide, experienced developers and OpenStack contributors show you how to build clouds based on reference architectures, as well as how to perform daily administration tasks. Designed for horizontal scalability, OpenStack lets you build a cloud by integrating several technologies. This approach provides flexibility, but knowing which options to use can be bewildering. Once you complete this book, you'll know the right questions to ask while you organize compute, storage, and networking resources. If you already know how to manage multiple Ubuntu machines and maintain MySQL, you're ready to: Set up automated deployment and configuration Design a single-node cloud controller Use metrics to improve scalability Explore compute nodes, network design, and storage Install OpenStack packages Use an example architecture to help simplify decision-making Build a working environment to explore an IaaS cloud Manage users, projects, and quotas Tackle maintenance, debugging, and network troubleshooting Monitor, log, backup, and restore

Deals with the particulars of installing and setting up a secure SUSE Linux Enterprise Server, and additional post-installation processes required to further secure and harden that installation. Supports the administrator with security-related choices and decisions.

* SUSE is the leading Linux distribution in Europe, with a strong enterprise presence and reputation as the most secure Linux distribution * Written by two SUSE insiders, this book explains the best way to carry out a task while making full use of SUSE's configuration utilities and unique YaST modules * Offers unique information not found anywhere else on the latest SUSE editions, including Enterprise Server, Professional (for home users and developers), Standard Server, and Desktop (Enterprise desktop) DVD includes the Fall 2004 release of the SUSE Personal Edition, a $29.95 value

One of the most difficult aspects of Linux is getting it installed and running effectively. SuSE Linux Installation & Configuration Handbook addresses the problems and challenges that every Linux user who wants SuSE on their system will face. This book is a step-by-step, focused tutorial on installing and reliably maintaining a SuSE Linux and the applications that are included in its distribution. Topics include installing the Xfree86 Windows system, creating and formatting file systems, installing kernel source code, using Yast to configure printers, and installing and configuring peripherals. Also included are configuring SuSE as a DNS server, configuring a TCP/IP network, installing and configuring Samba, setting up the Apache web server, setting up the KDE and Gnome desktops, and configuring and administering Mysql.

This official Novell Press Study Guide is your key to reviewing the fundamentals of installing, running, and administering SUSE LINUX so that you can pass Novell Practicum: 050-069, Novell's Certified Linux Professional exam, and become a Novell CLP. Expert trainer and curriculum developer Emmett Dulaney brings you the practical knowledge, tested techniques, real-world scenarios, and hands-on lab exercises you need to help you get the CLP certification from Novell.

IBM® is a Platinum level Partner in the Oracle Partner Network, which delivers the proven combination of industry insight, extensive real-world Oracle applications experience, deep technical skills, and high-performance servers and storage to create a complete business solution with a defined return on investment. From application selection, purchase, and implementation to upgrade and maintenance, we help organizations reduce the total cost of ownership and the complexity of managing their current and future applications environment while building a solid base for business growth. Oracle Database running on Linux is available for deployment on IBM LinuxONE by using Redhat Enterprise Linux (RHEL) or SUSE Linux Enterprise Server (SLES). This enterprise-grade solution is designed to add value to Oracle Database solutions. This IBM Redpaper® publication focuses on accepted good practices for installing and getting started by using Oracle Database, which provides you with an environment that is optimized for performance, scalability, flexibility, and ease-of-management.

Presenting updated coverage of openSUSE 11.0 and SUSE Linux Enterprise Server 11.0, this reference is written by Novell insiders and boasts the most up-to-date information available Topics covered include the openSUSE project, command line programs and implementing online services, virtualization, kernel updates, Enterprise Architecture, and more Reviews Linux fundamentals such as methodologies, partitions, and file system, and features a new section devoted entirely to end-user needs The DVD includes the openSUSE 11.0

This IBM® Redbooks® publication introduces the IBM Software Defined Environment (SDE) solution, which helps to optimize the entire computing infrastructure---compute, storage, and network resources--so that it can adapt to the type of work required. In today's environment, resources are assigned manually to workloads, but that happens automatically in a SDE. In an SDE, workloads are dynamically assigned to IT resources based on application characteristics, best-available resources, and service level policies so that they deliver continuous, dynamic optimization and reconfiguration to address infrastructure issues. Underlying all of this are policy-based compliance checks and updates in a centrally managed environment. Readers get a broad introduction to the new architecture. Think integration, automation, and optimization. Those are enablers of cloud delivery and analytics. SDE can accelerate business success by matching workloads and resources so that you have a responsive, adaptive environment. With the IBM Software Defined Environ-

ment, infrastructure is fully programmable to rapidly deploy workloads on optimal resources and to instantly respond to changing business demands. This information is intended for IBM sales representatives, IBM software architects, IBM Systems Technology Group brand specialists, distributors, resellers, and anyone who is developing or implementing SDE.

For more than 20 years, Network World has been the premier provider of information, intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations. Readers are responsible for designing, implementing and managing the voice, data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce.