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SDEZTN - SIDNEY STEPHENSON

This IBM® Redbooks® publication describes the new IBM i Midrange External Storage solutions available for IBM POWER™ Systems POWER6™ servers with IBM i being a client of IBM Virtual I/O Server (VIOS). It introduces the VIOS virtualization concepts and IBM DS Midrange External Storage Systems architecture of the supported models DS3400, DS4700, DS4800, and DS5000, discusses planning and sizing for IBM i Midrange External Storage, and provides detailed implementation procedures including IBM DS Midrange Storage Copy Services. Finally, it provides monitoring, maintenance, and troubleshooting hints for the triumvirate of IBM i, VIOS, and IBM DS Midrange External Storage. The information

provided by this book will help customers, business partners, and IBM service professionals with planning and implementing IBM i Midrange External Storage solutions.

Oracle is the leading database worldwide, providing companies with fast access to critical business data. Oracle Administration and Management shows database administrators and managers how to keep Oracle databases running reliably and at peak performance. With the help of numerous real-world examples and scenarios, you'll gain valuable insight into all phases of Oracle database administration and management. From the initial installation and daily maintenance to backup and recovery procedures, you'll learn everything you need to know to become a successful Oracle DBA.

This is the definitive guide

to installing and administering HP-UX 11i Version 2 in any environment, on both HP 9000 and HP Integrity server families. Drawing on 18 years of on-site HP-UX consulting experience, Marty Poniatowski offers unparalleled practical insight into running HP-UX 11i efficiently and reliably, illuminating features even experienced HP-UX sysadmins find confusing. Poniatowski organizes this book around your day-to-day needs and your system's lifecycle. He begins with in-depth coverage of installation and bootup, then walks through everything from LVM and kernel configuration through networking. He especially focuses on the capabilities and tools that make HP-UX unique-and how you can use them to save time and money. Coverage includes Partitioning from start to finish-includ-

ing vPars and nPartitions installation, creation, and modification Booting HP Integrity systems with EFI, and HP 9000 systems with PDC, ISL, or hpux Mastering the Management Processor (MP): console, virtual front panel, and command menu Using HP-UX's new kernel-building commands: kccconfig, kccusage, kccune, kccmodule, and more Working with HP-UX's new web-based tools: pd (devices), parmgr (partitions), and kcweb (kernel) Mapping LBA to slot numbers: clear explanations of a non-intuitive technique Using Ignite-UX to boot and recover systems across the network Managing disks, devices, backup, users/groups, and much more © Copyright Pearson Education. All rights reserved.

Teamwork Installation Guide for HP-UX Workstations HP-UX: HP Certification Systems Administrator, Exam HP0-A01 - Training Guide and Administrator's Reference, 3rd Edition Endeavor Technologies Inc.

Here are great ideas and tools for smarter, more effective HP-UX system administration. The book is a thorough guide for system administrators--from the basics of system set-up to

the most advanced tips n' tricks for maximizing performance and troubleshooting. The two CD-ROMS contain an unprecedented collection of trial software for HP-UX administration, development, and interoperability with NT systems.

A complete, system administrator's guide to installing, configuring and managing Netscape servers on HP-UX platforms. The CD-ROM includes great performance tools and QuickTime movies that demonstrate key administration tasks. Corporate workgroups, distributed enterprises, and small to medium-sized companies are increasingly seeking to network and consolidate storage to improve availability, share information, reduce costs, and protect and secure information. These organizations require enterprise-class solutions capable of addressing immediate storage needs cost-effectively, while providing an upgrade path for future requirements. IBM® System Storage® N series storage systems and their software capabilities are designed to meet these requirements. IBM System Storage N series storage systems offer an excellent solution for a broad range of deployment scenarios.

IBM System Storage N series storage systems function as a multiprotocol storage device that is designed to allow you to simultaneously serve both file and block-level data across a single network. These activities are demanding procedures that, for some solutions, require multiple, separately managed systems. The flexibility of IBM System Storage N series storage systems, however, allows them to address the storage needs of a wide range of organizations, including distributed enterprises and data centers for midrange enterprises. IBM System Storage N series storage systems also support sites with computer and data-intensive enterprise applications, such as database, data warehousing, workgroup collaboration, and messaging. This IBM Redbooks® publication explains the software features of the IBM System Storage N series storage systems. This book also covers topics such as installation, setup, and administration of those software features from the IBM System Storage N series storage systems and clients and provides example scenarios.

HP-UX 11i System Administration Handbook and Toolkit, second edition, is

your singlesource for everything HP-UX administrators need to know! Now updated to cover new HP-UX 11i and partitioning enhancements, plus every essential UNIX command. Covers installation, boot, kernel, devices, users, groups, SAM, Veritas VM, LVM, optimization, networking, GNOME, auditing, UNIX file types and commands, vi, and shell programming. Includes extensive new disk partitioning coverage: vPars, PRM, nPartitions, and MC/ServiceGuard. CD-ROM: new HP-UX performance management trialware, sysadmin "Cheat Sheets," and more.

Provides a solid, hands-on foundation of the UNIX operating system, and offers detailed coverage of installation, management, and administration.

Covers the Internet, TCP/IP, scanner programs, passwords, sniffers, firewalls, audit tools, types of attacks, and setting up security for various types of systems.

Billy Ray was born during the Great Depression. Through totally unforeseen circumstances, he wandered through varied, random, and unrelated situations. His life seldom had a predictable direction. Despite that, he be-

came successful in athletics, teaching, working, and schooling. This eventually led to his being a professor, textbook author, software test engineer, technical writer, consultant, and more. I hope you are enjoying your life, and I hope reading this book might help you!

IBM®, as a result of its recent product introduction of the IBM System Storage™ N series, has become more tightly integrated with network-attached storage (NAS), exploiting the backup and recovery features of the N series and Network Appliance™ storage systems. This IBM Redbooks® publication provides detailed descriptions and setup instructions, practical examples, and best practices for backing up the IBM System Storage N series using the IBM Tivoli® Storage Manager. This book includes descriptions and instructions for using the latest enhancements made to IBM Tivoli Storage Manager, specifically for the IBM System Storage N series and Network Appliance storage systems. You will learn how to configure and set up the IBM System Storage N series and IBM Tivoli Storage Manager Version 5.3 and 6.1 using NDMP backup and restore

functions. We address the following topics: -- Configuring the N series for Network Data Management Protocol (NDMP) usage -- Using the IBM Tivoli Storage Manager software -- Backing up qtrees -- Single folder backup -- Single file/folder restore -- Restoring using NDMP via GUI and command-line interface -- Restoring from NDMP backup to an alternative site/location on N series systems -- Integrating with Snapshot technology and SnapVault -- Using SnapShot differencing -- Using SnapMirror® to Tape

Here's the book you need to prepare for the Oracle Database 10g Administration I exam, 1Z0-042. This Study Guide was developed to meet the exacting requirements of today's Oracle certification candidates. In addition to the consistent and accessible instructional approach that has earned Sybex the "Best Study Guide" selection in CertCities Readers Choice Awards for two consecutive years, this book provides: Clear and concise information on database administration with Oracle 10g Practical examples and insights drawn from the authors' real-world experiences Leading-edge exam prepara-

ration software, including a test engine and electronic flashcards. You'll also find authoritative coverage of key exam topics, including: Installing Oracle Database 10g Software Creating and Controlling Oracle Databases Administering Users Managing Schema Objects and Data Implementing Oracle Security Features Monitoring Performance Performing Database Backup and Recovery. Look to Sybex for the knowledge and skills needed to succeed in today's competitive IT marketplace.

"Study for certification and excel on the job with the only official guide mapping to the HP-UX Certified System Engineer (CSE) Exam. This volume explores exam objectives and covers all subject matter areas. There are more than 1.7 million HP-UX installations worldwide, and certified engineers will need to be re-certified within two years.

Programming with Oracle Developer is packed with expert advice, detailed explanations, and complete solutions that show you how to produce robust, precise, Internet-ready applications for developers. You'll get step-by-step guidance from prototyping through delivering a high-powered Internet applica-

tion. After reading this book, the reader will understand the nuts and bolts of building applications, including how to choose an appropriate application development life cycle. Master design and prototyping issues including the new wizards and GUI design features of Developer forms, reports, and graphics. Extend the reusability and optimize the security of your applications. Deploy Internet applications and integrate them with other tools. Create robust, Web-enabled Oracle applications.

A practical introduction to programming in Perl utilizing the rich capabilities of Perl and the services provided by .NET.

This book is based on Red Hat® Enterprise Linux 5 (RHEL 5) and is intended for individuals who plan to take the new Red Hat® Certified Technician (RH202) and/or Red Hat® Certified Engineer (RH302) exams and pass them, want to use it as a quick on-the-job resource or like to learn RHEL from the beginning in an easy-to-understand way. The book has 31 chapters and facilitates readers to grasp concepts, understand implementation procedures, learn command syntax, configuration files

and daemons involved, and comprehend troubleshooting. The chapters are divided into four areas: Linux Essentials, RHEL System Administration, RHEL Network and Security Administration, and RHEL Troubleshooting. 01. Linux Essentials (Chapters 1 to 7) covers the basics of Linux. Information provided includes general Linux concepts, basic commands, file manipulation and file security techniques, text file editors, shell features, basic shell and awk programming and other essential topics. These chapters are good for gaining an overall understanding of Linux and cover common skills useful for both exams. 02. RHEL System Administration (Chapters 8 to 19) covers system administration concepts and topics including hardware management, local installation, X Window and desktop managers, software and user/group account administration, disk partitioning using standard, RAID and LVM, file system and swap management, system shutdown and boot procedures, kernel management, backup, restore and compression functions, print services administration, and automation and system logging. These chapters cov-

er objectives outlined for the RH202 exam. 03. RHEL Network and Security Administration (Chapters 20 to 30) covers network and security administration concepts and topics such as OSI and TCP/IP reference models, subnetting and IP aliasing, network interface administration, routing, basic network testing and troubleshooting tools, naming services (DNS, NIS, LDAP) and DHCP; Internet services and electronic mail management, time synchronization with NTP, resource sharing with NFS, AutoFS and Samba, network-based and hands-free automated installation, Apache web server and Squid caching/proxy server, secure shell, PAM, TCP Wrappers, IPTables, NATting, SELinux and recommendations for system hardening. These chapters cover objectives set for the RH302 exam. 04. RHEL Troubleshooting (Chapter 31) covers a number of sample system, network and security troubleshooting scenarios. This chapter covers objectives related to diagnoses and troubleshooting for both exams. The book covers ALL official exam objectives and includes several exercises for exam practice. This book is not a replace-

ment for RHCT®/RHCE® training courses offered by Red Hat, Inc., but may be used to prepare for both the exams. The information contained in this book is not endorsed by Red Hat, Inc. Good Luck on the exams

This IBM® Redbooks® publication provides information for attaching the IBM XIV® Storage System to various host operating system platforms, including IBM i. The book provides information and references for combining the XIV Storage System with other storage platforms, host servers, or gateways, including IBM N Series, and IBM ProtecTIER®. It is intended for administrators and architects of enterprise storage systems. The book also addresses using the XIV storage with databases and other storage-oriented application software that include: IBM DB2® VMware ESX Microsoft HyperV SAP The goal is to give an overview of the versatility and compatibility of the XIV Storage System with various platforms and environments. The information that is presented here is not meant as a replacement or substitute for the Host Attachment kit publications. It is meant as a complement and to provide readers with usage gui-

dance and practical illustrations.

Teamwork Installation Guide for HP-UX Workstations HP-UX: HP Certification Systems Administrator, Exam HP0-A01 - Training Guide and Administrator's Reference, 3rd Edition Endeavor Technologies Inc. This book contains 36 chapters and is structured to facilitate readers to grasp concepts, understand implementation procedures, learn command syntax, configuration files and daemons involved, and understand basic troubleshooting. The 36 chapters are divided into three key areas: UNIX Fundamentals, HP-UX System Administration and HP-UX Network Administration. These chapters cover topics that are on HP's recommended certification courses - UNIX Fundamentals, System and Network Administration I, System and Network Administration II, and HP-UX for Experienced UNIX System Administrators - as well as on official exam objectives list. 1. UNIX Fundamentals (chapters 1 to 6, and 22) covers the basics of UNIX and HP-UX. Most information is not specific to a particular UNIX flavor, rather, includes general UNIX concepts, file manipulation and security techniques, vi editor, shell and

awk programming, basic commands and other essential topics. Unlike many other similar books, a chapter on shell scripting is presented after covering HP-UX System Administration area. This is done purposely to provide readers with practical examples based on the knowledge they gain from UNIX Fundamentals and HP-UX System Administration chapters. 2. HP-UX System Administration (chapters 7 to 21) covers the HP-UX-specific system administration concepts and topics including server hardware information and mass storage stack; virtualization technologies and HP-UX installation; software and patch management; user and group administration; LVM and file system administration; EVFS and swap management; system shutdown and startup procedures; kernel configuration and management techniques; backup and restore functions; printer and print request management, job automation and process control; and system logging and performance monitoring. 3. HP-UX Network Administration (chapters 23 to 36) covers HP-UX network and security administration concepts and topics such as OSI and TCP/IP refer-

ence models; network hardware overview and LAN interface administration; IP subnetting and routing techniques; basic network testing and troubleshooting; internet services and sendmail; time synchronization (NTP) and resource sharing (NFS, AutoFS and CIFS) services; naming (DNS, NIS and LDAP) services and automated installation techniques; and high-availability concepts and system security tools and practices. Throughout the book figures, tables, screen shots and examples are given for explanation purposes. The book includes 863 exam review questions with answers.-CATIA Solutions Version 4 Installation Guide, HP-UX.Using the IBM System Storage N series with IBM Tivoli Storage ManagerIBM RedbooksIBM®, as a result of its recent product introduction of the IBM System Storage™ N series, has become more tightly integrated with network-attached storage (NAS), exploiting the backup and recovery features of the N series and Network Appliance™ storage systems. This IBM Redbooks® publication provides detailed descriptions and setup instructions, practical examples, and best

practices for backing up the IBM System Storage N series using the IBM Tivoli® Storage Manager. This book includes descriptions and instructions for using the latest enhancements made to IBM Tivoli Storage Manager, specifically for the IBM System Storage N series and Network Appliance storage systems. You will learn how to configure and set up the IBM System Storage N series and IBM Tivoli Storage Manager Version 5.3 and 6.1 using NDMP backup and restore functions. We address the following topics: -- Configuring the N series for Network Data Management Protocol (NDMP) usage -- Using the IBM Tivoli Storage Manager software -- Backing up qtrees -- Single folder backup -- Single file/folder restore -- Restoring using NDMP via GUI and command-line interface -- Restoring from NDMP backup to an alternative site/location on N series systems -- Integrating with Snapshot technology and SnapVault -- Using SnapShot differencing -- Using SnapMirror® to TapeIBM Information Infrastructure Solutions HandbookIBM RedbooksAn information infrastructure is comprised of software, servers, storage, and networks, integrated

and optimized to deliver timely, secure, and trusted information throughout the organization and to its clients and partners. With the explosive growth in data and information—coupled with demands for projects with rapid ROI—IT infrastructures and storage administrators are reaching a breaking point. IBM® can help with the changes needed to manage information availability, security, and regulatory and compliance requirements on a tighter budget. And because the health of any business often depends on its ability to take advantage of information in real time, a sound, intelligent information infrastructure becomes critical to supporting new growth initiatives. IBM offers an innovative approach to help you manage information growth more effectively and mitigate risks with a dynamic infrastructure that efficiently and securely stores and protects information, and optimizes information access. You can control, protect, manage, and gain new intelligence from your information with the IBM leading-edge Information Infrastructure products, services and integrated solutions, supported by world-class expertise and access to top

experts from around the world. This IBM Redbooks® publication provides an overview of the IBM Information Infrastructure solutions that are designed to help you manage the information explosion and address challenges of information compliance, availability, retention, and security. This will lead your company toward improved productivity, service delivery, and reduced risk, while streamlining costs. SAP Backup using Tivoli Storage Manager IBM Redbooks In this IBM® Redbooks® publication, we give an overview of different data management topics related to a typical SAP® data center. The intrinsic functionality of SAP is not designed to completely handle all the tasks of a data center by itself, but the SAP system offers several interface possibilities to attach external tools to it to accomplish this task. We explain SAP basic concepts and the issues with SAP data management. We introduce Tivoli® Storage Manager and all of its products that are related to SAP data management. We provide some comparison between database backup and recovery tools. Finally, we discuss data archiving using IBM DB2® CommonStore for

SAP, and discuss high availability requirements and disaster recovery considerations. The second part of this book discusses a practical implementation of SAP backup and recovery with Tivoli Storage Manager. We implement this setup on two separate SAP systems: one running DB2 and the other running Oracle® database. We also implement LAN-free backup and FlashCopy® scenarios. In the sample implementation section, we show many different tasks, such as backup and restore, database recovery, backup monitoring, and tuning. We also cover some advanced backup/availability considerations, such as split mirror backup and standby databases. This book helps individuals that operate an SAP environment to devise a strategy for a sound and comprehensive data backup solution using the IBM Tivoli Storage Management product family. H-P-UX System and Administration Guide Computing McGraw-Hill This comprehensive system and administration guide for Hewlett-Packard's popular UNIX operating system--H-P-UX-- takes users through installation, configuration, maintenance, troubleshooting, and performance analysis.

Readers will find sample scripts, coverage of TCP/IP and networking security methods--plus helpful comparisons with other versions of UNIX. Installation and Configuration Guide for MicroStrategy 9.3.1 MicroStrategy IBM InfoSphere Information Server Installation and Configuration Guide IBM Redbooks This IBM® Redpaper™ publication provides suggestions, hints and tips, directions, installation steps, checklists of prerequisites, and configuration information collected from several IBM InfoSphere® Information Server experts. It is intended to minimize the time required to successfully install and configure InfoSphere Information Server. The information in this document is based on field experiences of experts who have implemented InfoSphere Information Server. As such, it is intended to supplement, and not replace, the product documentation. Discover the proven choices and combinations for installing InfoSphere Information Server that have been the most successful for the IBM InfoSphere Center Of Excellence. This paper includes a broad range of customer needs and experiences, with a focus on the

following areas: InfoSphere Information Server architecture Checklists Prerequisites Configuration choices that work well together This paper is based on thousands of hours of production systems experience, from which you can now reap significant benefits. IBM XIV Storage System: Host Attachment and Interoperability IBM Redbooks This IBM® Redbooks® publication provides information for attaching the IBM XIV® Storage System to various host operating system platforms, including IBM i. The book provides information and references for combining the XIV Storage System with other storage platforms, host servers, or gateways, including IBM N Series, and IBM ProtecTIER®. It is intended for administrators and architects of enterprise storage systems. The book also addresses using the XIV storage with databases and other storage-oriented application software that include: IBM DB2® VMware ESX Microsoft HyperV SAP The goal is to give an overview of the versatility and compatibility of the XIV Storage System with various platforms and environments. The information that is presented here is not meant as a replacement

or substitute for the Host Attachment kit publications. It is meant as a complement and to provide readers with usage guidance and practical illustrations. HP-UX CSE Prentice-Hall PTR "Study for certification and excel on the job with the only official guide mapping to the HP-UX Certified System Engineer (CSE) Exam. This volume explores exam objectives and covers all subject matter areas. There are more than 1.7 million HP-UX installations worldwide, and certified engineers will need to be recertified within two years. HP-UX 11i Systems Administration Handbook and Toolkit Prentice Hall Professional HP-UX 11i System Administration Handbook and Toolkit, second edition, is your single-source for everything HP-UX administrators need to know! Now updated to cover new HP-UX 11i and partitioning enhancements, plus every essential UNIX command. Covers installation, boot, kernel, devices, users, groups, SAM, Veritas VM, LVM, optimization, networking, GNOME, auditing, UNIX file types and commands, vi, and shell programming. Includes extensive new disk partitioning coverage: vPars, PRM, nPartitions, and MC/Ser-

viceGuard. CD-ROM: new HP-UX performance management trialware, sysadmin "Cheat Sheets," and more. HP-UX 11i Version 2 System Administration-Prentice Hall This is the definitive guide to installing and administering HP-UX 11i Version 2 in any environment, on both HP 9000 and HP Integrity server families. Drawing on 18 years of on-site HP-UX consulting experience, Marty Poniatowski offers unparalleled practical insight into running HP-UX 11i efficiently and reliably, illuminating features even experienced HP-UX sysadmins find confusing. Poniatowski organizes this book around your day-to-day needs and your system's lifecycle. He begins with in-depth coverage of installation and bootup, then walks through everything from LVM and kernel configuration through networking. He especially focuses on the capabilities and tools that make HP-UX unique—and how you can use them to save time and money. Coverage includes Partitioning from start to finish—including vPars and nPartitions installation, creation, and modification Booting HP Integrity systems with EFI, and HP 9000 systems with PDC, ISL, or hpux Mastering the Management Pro-

cessor (MP): console, virtual front panel, and command menu Using HP-UX's new kernel-building commands: kconfig, kusage, kctune, kcmodule, and more Working with HP-UX's new web-based tools: pd (devices), parmgr (partitions), and kcweb (kernel) Mapping LBA to slot numbers: clear explanations of a non-intuitive technique Using Ignite-UX to boot and recover systems across the network Managing disks, devices, backup, users/groups, and much more © Copyright Pearson Education. All rights reserved. OCA: Oracle 10g Administration I Study Guide John Wiley & Sons Here's the book you need to prepare for the Oracle Database 10g Administration I exam, 1Z0-042. This Study Guide was developed to meet the exacting requirements of today's Oracle certification candidates. In addition to the consistent and accessible instructional approach that has earned Sybex the "Best Study Guide" selection in CertCities Readers Choice Awards for two consecutive years, this book provides: Clear and concise information on database administration with Oracle 10g Practical examples and insights drawn from the authors'

real-world experiences Leading-edge exam preparation software, including a test engine and electronic flashcards You'll also find authoritative coverage of key exam topics, including: Installing Oracle Database 10g Software Creating and Controlling Oracle Databases Administering Users Managing Schema Objects and Data Implementing Oracle Security Features Monitoring Performance Performing Database Backup and Recovery Look to Sybex for the knowledge and skills needed to succeed in today's competitive IT marketplace Programming Perl in the .NET Environment-Prentice Hall Professional A practical introduction to programming in Perl utilizing the rich capabilities of Perl and the services provided by .NET.MATLAB The Random Wandering of Billy Ray Author House Billy Ray was born during the Great Depression. Through totally unforeseen circumstances, he wandered through varied, random, and unrelated situations. His life seldom had a predictable direction. Despite that, he became successful in athletics, teaching, working, and schooling. This eventually led to his being a professor, textbook author, software test engi-

neer, technical writer, consultant, and more. I hope you are enjoying your life, and I hope reading this book might help you!

E/ISA Configuration Guide for HP-UX
HP-UX, Installing Peripherals
Programming with Oracle Developer
Sams Publishing
Programming with Oracle Developer is packed with expert advice, detailed explanations, and complete solutions that show you how to produce robust, precise, Internet-ready applications for developers. You'll get step-by-step guidance from prototyping through delivering a high-powered Internet application. After reading this book, the reader will Understand the nuts and bolts of building applications, including how to choose an appropriate application development life cycle Master design and prototyping issues including the new wizards and GUI design features of Developer forms, reports, and graphics Extend the reusability and optimize the security of your applications Deploy Internet applications and integrate them with other tools Create robust, Web-enabled Oracle applications

Red Hat® Certified Technician & Engineer (RHCT and RHCE) Training Guide and Administrator's Refer-

ence Endeavor Technologies Inc. This book is based on Red Hat® Enterprise Linux 5 (RHEL 5) and is intended for individuals who plan to take the new Red Hat® Certified Technician (RH202) and/or Red Hat® Certified Engineer (RH302) exams and pass them, want to use it as a quick on-the-job resource or like to learn RHEL from the beginning in an easy-to-understand way. The book has 31 chapters and facilitates readers to grasp concepts, understand implementation procedures, learn command syntax, configuration files and daemons involved, and comprehend troubleshooting. The chapters are divided into four areas: Linux Essentials, RHEL System Administration, RHEL Network and Security Administration, and RHEL Troubleshooting.

01. Linux Essentials (Chapters 1 to 7) covers the basics of Linux. Information provided includes general Linux concepts, basic commands, file manipulation and file security techniques, text file editors, shell features, basic shell and awk programming and other essential topics. These chapters are good for gaining an overall understanding of Linux and cover common skills useful for both exams. 02.

RHEL System Administration (Chapters 8 to 19) covers system administration concepts and topics including hardware management, local installation, X Window and desktop managers, software and user/group account administration, disk partitioning using standard, RAID and LVM, file system and swap management, system shutdown and boot procedures, kernel management, backup, restore and compression functions, print services administration, and automation and system logging. These chapters cover objectives outlined for the RH202 exam.

03. RHEL Network and Security Administration (Chapters 20 to 30) covers network and security administration concepts and topics such as OSI and TCP/IP reference models, subnetting and IP aliasing, network interface administration, routing, basic network testing and troubleshooting tools, naming services (DNS, NIS, LDAP) and DHCP; Internet services and electronic mail management, time synchronization with NTP, resource sharing with NFS, AutoFS and Samba, network-based and hands-free automated installation, Apache web server and Squid cach-

ing/proxy server, secure shell, PAM, TCP Wrappers, IPTables, NATting, SELinux and recommendations for system hardening. These chapters cover objectives set for the RH302 exam. 04. RHEL Troubleshooting (Chapter 31) covers a number of sample system, network and security troubleshooting scenarios. This chapter covers objectives related to diagnoses and troubleshooting for both exams. The book covers ALL official exam objectives and includes several exercises for exam practice. This book is not a replacement for RHCT®/RHCE® training courses offered by Red Hat, Inc., but may be used to prepare for both the exams. The information contained in this book is not endorsed by Red Hat, Inc. Good Luck on the examsFinding HP-UX InformationUNIX and Linux System Administration Handbook-Pearson EducationSurveys the best practices for all aspects of system administration, covering such topics as storage management, email, Web hosting, performance analysis, virtualization, DNS, security, and configuration management.Installing, Upgrading and Maintaining Oracle E-Business Suite Applications Release 11. 5. 10+

(or, Teaching an Old Dog New Tricks - Release 11i Care and FeedingLulu.com"Installing, Upgrading and Maintaining Oracle E-Business Suite Applications Release 11.5.10+" is OnCallDBA and Solution Beacon's latest collaboration. Topics include Release 11i Concepts and Architecture, Oracle10g, Installing Release 11i, Upgrading or Migrating to Release 11i, Maintaining Release 11i, Administering Release 11i, Securing Release 11i, Setting Up the Concurrent Manager, Using the Concurrent Manager, Release 11i Reporting, and Tuning and Troubleshooting. Co-authored by Barbara Matthews, John Stouffer, Randy Giefer, Karen Brownfield, Jeff Holt, James Morrow, Bruno Coon, Tim Sharpe and Faun deHenry, this book covers Oracle10g and E-Business Release 11.5.10+HP-UX CSAPrentice HallThis book offers comprehensive preparation for HP's tough new HP-UX CSA exam - and an expert reference for working system/network administrators. You'll find thorough, HP-reviewed coverage of every exam objective, including installation, configuration, control, maintenance, kernel tuning, and network administration. Already adminis-

tering HP-UX systems? Planning to? Migrating from other UNIX platforms? Whatever your background, this book will prepare you for the realities of HP-UX administration - and for the CSA exam that will recognize your skills.Oracle9i RACRampant TechPressA guide to the installation and configuration of Oracle9i RAC covers such topics as the design of RAC clusters, configuration of TAF, and monitoring and tuning RAC applications.H-P-UX 11i System Administration Handbook and ToolkitPrentice Hall- PLEASE PROVIDE COURSE INFORMATION PLEASE PROVIDEGlobus® Toolkit 4ElsevierThe Globus Toolkit is a key technology in Grid Computing, the exciting new computing paradigm that allows users to share processing power, data, storage, and other computing resources across institutional and geographic boundaries. Globus Toolkit 4: Programming Java Services provides an introduction to the latest version of this widely acclaimed toolkit. Based on the popular web-based The Globus Toolkit 4 Programmer's Tutorial, this book far surpasses that document, providing greater detail, quick reference appen-

dices, and many additional examples. If you're making the leap into Grid Computing using the Globus Toolkit, you'll want Globus Toolkit 4: Programming Java Services at your side as you take your first steps. Written for newcomers to Globus Toolkit, but filled with useful information for experienced users. Clearly situates Globus application development within the context of Web Services and evolving Grid standards. Provides detailed coverage of Web Services programming with the Globus Toolkit's Java WS Core component. Covers basic aspects of developing secure services using the Grid Security Infrastructure (GSI). Uses simple, didactic examples throughout the book, but also includes a more elaborate example, the FileBuy application, that showcases common design patterns found in Globus applications. Concludes with useful reference appendices. Guide to UNIX System Administration Course Technology Ptr Provides a solid, hands-on foundation of the UNIX operating system, and offers detailed coverage of installation, management, and administration. IBM i and Midrange External Storage IBM Redbooks This IB-

M® Redbooks® publication describes the new IBM i Midrange External Storage solutions available for IBM POWER™ Systems POWER6™ servers with IBM i being a client of IBM Virtual I/O Server (VIOS). It introduces the VIOS virtualization concepts and IBM DS Midrange External Storage Systems architecture of the supported models DS3400, DS4700, DS4800, and DS5000, discusses planning and sizing for IBM i Midrange External Storage, and provides detailed implementation procedures including IBM DS Midrange Storage Copy Services. Finally, it provides monitoring, maintenance, and troubleshooting hints for the triumvirate of IBM i, VIOS, and IBM DS Midrange External Storage. The information provided by this book will help customers, business partners, and IBM service professionals with planning and implementing IBM i Midrange External Storage solutions. The HP-UX System Administration Handbook and Toolkit Here are great ideas and tools for smarter, more effective HP-UX system administration. The book is a thorough guide for system administrators--from the basics of system set-up to the most advanced tips n'

tricks for maximizing performance and troubleshooting. The two CD-ROMS contain an unprecedented collection of trial software for HP-UX administration, development, and interoperability with NT systems. DB2 Universal Database V8 for Linux, UNIX, and Windows Database Administration Certification Guide Prentice Hall Professional DB2 Universal Database v8 builds on the world's #1 enterprise database to simplify anytime/anywhere information integration, streamline management, automate resource tuning, enhance business intelligence, and maximize performance, scalability, and reliability. Now, IBM offers complete, start-to-finish coverage of DB2 Universal Database v8 administration and development for UNIX, Linux, and Windows platforms... "and authoritative preparation for IBM's newest DB2 certification exam." This definitive reference and self-study guide covers every aspect of deploying and managing DB2 Universal Database v8, including best practices for DB2 database design and development; day-to-day administration and backup; expert techniques for deploying networked, Internet-centered, and XM-

L-based database applications; migrating to DB2 UDB v8; and much more. You'll also find an unparalleled collection of IBM tips and tricks for maximizing the performance, availability, and value of any database system. Coverage includes: Manageability and serviceability enhancements, including new tools for storage management and monitoring database health Performance improvement with multidimensional clustering, enhanced prefetching, threading of Java UDFs and stored procedures, and materialized query tables New Setup wizards, configuration assistants, GUI tools, and DB2 Administration Server (DAS) improvements Availability and scalability enhancements New DB2 v8 Replication and Data Warehouse Centers Major improvements for developers, including SQL, XML, JDBC, and CLI enhancements Whether you're a DBA, a developer, a DB2 certification candidate, or all three, "DB2 Universal Database v8 for Linux, UNIX, and Windows Database Administration-Certification Guide" is the one book you can't afford to be without. Straight from IBM, the ultimate guide to running DB2 v8 and preparing for IBM's lat-

est DB2 certification exam! In-depth coverage of DB2 v8 database administration and development Covers new DB2 v8 enhancements in manageability, serviceability, reliability, availability, and performance Contains in-depth coverage of new DB2 v8 tools, including the Replication, Data Warehouse, and Development Centers Presents expert tips and best practices from IBM's own DB2 customer support organization About the CD The CD-ROM included with this book contains a complete trial version of DB2 UDB V8 Personal Edition, plus the DB2 DEMO program to help explore the many features of DB2. Remote Access, User's Guide Implementing Backup and Recovery John Wiley & Sons Offers the first comprehensive reference on the topic of backup systems for both UNIX and Windows NT Provides a complete tutorial on the general topic of data backup systems along with a detailed, step-by-step guide for planning and full implementation of backup systems Authors include personal tips and strategic and tactical advice gained from many company implementations Uses VERITAS NetBackup product to illustrate backup system

functions Oracle Administration and Management John Wiley & Sons Oracle is the leading database worldwide, providing companies with fast access to critical business data. Oracle Administration and Management shows database administrators and managers how to keep Oracle databases running reliably and at peak performance. With the help of numerous real-world examples and scenarios, you'll gain valuable insight into all phases of Oracle database administration and management. From the initial installation and daily maintenance to backup and recovery procedures, you'll learn everything you need to know to become a successful Oracle DBA. Maximum Security Sams Publishing Covers the Internet, TCP/IP, scanner programs, passwords, sniffers, firewalls, audit tools, types of attacks, and setting up security for various types of systems. IBM System Storage N series Software Guide IBM Redbooks Corporate workgroups, distributed enterprises, and small to medium-sized companies are increasingly seeking to network and consolidate storage to improve availability, share information, reduce costs, and protect and secure infor-

mation. These organizations require enterprise-class solutions capable of addressing immediate storage needs cost-effectively, while providing an upgrade path for future requirements. IBM® System Storage® N series storage systems and their software capabilities are designed to meet these requirements. IBM System Storage N series storage systems offer an excellent solution for a broad range of deployment scenarios. IBM System Storage N series storage systems function as a multiprotocol storage device that is designed to allow you to simultaneously serve both file and block-level data across a single network. These activities are demanding procedures that, for some solutions, require multiple, separately managed systems. The flexibility of IBM System Storage N series storage systems, however, allows them to address the storage needs of a wide range of organizations, including distributed enterprises and data centers for midrange enterprises. IBM System Storage N series storage systems also support sites with computer and data-intensive enterprise applications, such as database, data warehousing, workgroup collabora-

tion, and messaging. This IBM Redbooks® publication explains the software features of the IBM System Storage N series storage systems. This book also covers topics such as installation, setup, and administration of those software features from the IBM System Storage N series storage systems and clients and provides example scenarios. Working with Netscape Server on HP-UX Prentice Hall A complete, system administrator's guide to installing, configuring and managing Netscape servers on HP-UX platforms. The CD-ROM includes great performance tools and QuickTime movies that demonstrate key administration tasks. MicroStrategy Suite Quick Start Guide for MicroStrategy 9. 3. 1 MicroStrategy Advanced DBA Certification Guide and Reference for DB2 Universal Database V8 for Linux, UNIX, and Windows Prentice Hall Professional Now, there's a definitive guide to advanced DB2 UDB database administration that also delivers all the depth and insight you need to prepare for the tough new IBM exam. Straight from the DB2 experts at IBM, this book offers systematic and authoritative coverage of every exam objective and

will serve as a reference after you have passed the test.

DB2 Universal Database v8 builds on the world's #1 enterprise database to simplify anytime/anywhere information integration, streamline management, automate resource tuning, enhance business intelligence, and maximize performance, scalability, and reliability. Now, IBM offers complete, start-to-finish coverage of DB2 Universal Database v8 administration and development for UNIX, Linux, and Windows platforms... "and authoritative preparation for IBM's newest DB2 certification exam." This definitive reference and self-study guide covers every aspect of deploying and managing DB2 Universal Database v8, including best practices for DB2 database design and development; day-to-day administration and backup; expert techniques for deploying networked, Internet-centered, and XML-based database applications; migrating to DB2 UDB v8; and much more. You'll also find an unparalleled collection of IBM tips and tricks for maximizing the performance, availability, and value of any database system. Coverage includes: Manageability and serviceability en-

hancements, including new tools for storage management and monitoring database health Performance improvement with multidimensional clustering, enhanced prefetching, threading of Java UDFs and stored procedures, and materialized query tables New Setup wizards, configuration assistants, GUI tools, and DB2 Administration Server (DAS) improvements Availability and scalability enhancements New DB2 v8 Replication and Data Warehouse Centers Major improvements for developers, including SQL, XML, JDBC, and CL enhancements Whether you're a DBA, a developer, a DB2 certification candidate, or all three, "DB2 Universal Database v8 for Linux, UNIX, and Windows Database Administration-Certification Guide" is the one book you can't afford to be without. Straight from IBM, the ultimate guide to running DB2 v8 and preparing for IBM's latest DB2 certification exam! In-depth coverage of DB2 v8 database administration and development Covers new DB2 v8 enhancements in manageability, serviceability, reliability, availability, and performance Contains in-depth coverage of new DB2 v8 tools, including

the Replication, Data Warehouse, and Development Centers Presents expert tips and best practices from IBM's own DB2 customer support organization About the CD The CD-ROM included with this book contains a complete trial version of DB2 UDB V8 Personal Edition, plus the DB2 DEMO program to help explore the many features of DB2.

Now, there's a definitive guide to advanced DB2 UDB database administration that also delivers all the depth and insight you need to prepare for the tough new IBM exam. Straight from the DB2 experts at IBM, this book offers systematic and authoritative coverage of every exam objective and will serve as a reference after you have passed the test.

This comprehensive system and administration guide for Hewlett-Packard's popular UNIX operating system--HP-UX--takes users through installation, configuration, maintenance, troubleshooting, and performance analysis. Readers will find sample scripts, coverage of TCP/IP and networking security methods--plus helpful comparisons with other versions of UNIX.

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Offers the first comprehensive reference on the topic of backup systems for both UNIX and Windows NT Provides a complete tutorial on the general topic of data backup systems along with a detailed, step-by-step guide for planning and full implementation of backup systems Authors include personal tips and strategic and tactical advice gained from many company implementations Uses VERITAS NetBackup product to illustrate backup system functions

The Globus Toolkit is a key technology in Grid Computing, the exciting new computing paradigm that allows users to share processing power, data, storage, and other computing resources across institutional and geographic boundaries. Globus Toolkit 4: Programming Java Services provides an introduction to the latest version of this widely acclaimed toolkit. Based on the popular web-based The Globus Toolkit 4 Programmer's Tutorial, this book far surpasses that document, providing greater detail, quick reference appendices, and many additional examples. If you're making the leap into Grid Com-

puting using the Globus Toolkit, you'll want Globus Toolkit 4: Programming Java Services at your side as you take your first steps. Written for newcomers to Globus Toolkit, but filled with useful information for experienced users. Clearly situates Globus application development within the context of Web Services and evolving Grid standards. Provides detailed coverage of Web Services programming with the Globus Toolkit's Java WS Core component. Covers basic aspects of developing secure services using the Grid Security Infrastructure (GSI). Uses simple, didactic examples throughout the book, but also includes a more elaborate example, the FileBuy application, that showcases common design patterns found in Globus applications. Concludes with useful reference appendices. "Installing, Upgrading and Maintaining Oracle E-Business Suite Applications Release 11.5.10+" is On-CallDBA and Solution Beacon's latest collaboration. Topics include Release 11i Concepts and Architecture, Oracle10g, Installing Release 11i, Upgrading or Migrating to Release 11i, Maintaining Release 11i, Administering Release 11i, Securing Release 11i,

Setting Up the Concurrent Manager, Using the Concurrent Manager, Release 11i Reporting, and Tuning and Troubleshooting. Co-authored by Barbara Matthews, John Stouffer, Randy Giefer, Karen Brownfield, Jeff Holt, James Morrow, Bruno Coon, Tim Sharpe and Faun deHenry, this book covers Oracle10g and E-Business Release 11.5.10+

Surveys the best practices for all aspects of system administration, covering such topics as storage management, email, Web hosting, performance analysis, virtualization, DNS, security, and configuration management.

This IBM® Redpaper™ publication provides suggestions, hints and tips, directions, installation steps, checklists of prerequisites, and configuration information collected from several IBM InfoSphere® Information Server experts. It is intended to minimize the time required to successfully install and configure InfoSphere Information Server. The information in this document is based on field experiences of experts who have implemented InfoSphere Information Server. As such, it is intended to supplement, and not replace,

the product documentation. Discover the proven choices and combinations for installing InfoSphere Information Server that have been the most successful for the IBM InfoSphere Center Of Excellence. This paper includes a broad range of customer needs and experiences, with a focus on the following areas: InfoSphere Information Server architecture Checklists Prerequisites Configuration choices that work well together This paper is based on thousands of hours of production systems experience, from which you can now reap significant benefits.

In this IBM® Redbooks® publication, we give an overview of different data management topics related to a typical SAP® data center. The intrinsic functionality of SAP is not designed to completely handle all the tasks of a data center by itself, but the SAP system offers several interface possibilities to attach external tools to it to accomplish this task We explain SAP basic concepts and the issues with SAP data management. We introduce Tivoli® Storage Manager and all of its products that are related to SAP data management. We provide some compari-

son between database backup and recovery tools. Finally, we discuss data archiving using IBM DB2® CommonStore for SAP, and discuss high availability requirements and disaster recovery considerations. The second part of this book discusses a practical implementation of SAP backup and recovery with Tivoli Storage Manager. We implement this setup on two separate SAP systems: one running DB2 and the other running Oracle® database. We also implement LAN-free backup and FlashCopy® scenarios. In the sample implementation section, we show many different tasks, such as backup and restore, database recovery, backup monitoring, and tuning. We also cover some advanced backup/availability considerations, such as split mirror backup and standby databases. This book helps individuals that operate an SAP environment to devise a strategy for a sound and comprehensive data backup solution using the IBM Tivoli Storage Management product family.

This book contains 36 chapters and is structured to facilitate readers to grasp concepts, understand implementation procedures, learn command syntax, configuration files

and daemons involved, and understand basic troubleshooting. The 36 chapters are divided into three key areas: UNIX Fundamentals, HP-UX System Administration and HP-UX Network Administration. These chapters cover topics that are on HP's recommended certification courses - UNIX Fundamentals, System and Network Administration I, System and Network Administration II, and HP-UX for Experienced UNIX System Administrators - as well as on official exam objectives list. 1. UNIX Fundamentals (chapters 1 to 6, and 22) covers the basics of UNIX and HP-UX. Most information is not specific to a particular UNIX flavor, rather, includes general UNIX concepts, file manipulation and security techniques, vi editor, shell and awk programming, basic commands and other essential topics. Unlike many other similar books, a chapter on shell scripting is presented after covering HP-UX System Administration area. This is done purposely to provide readers with practical examples based on the knowledge they gain from UNIX Fundamentals and HP-UX System Administration chapters. 2. HP-UX System Administration (chapters 7 to 21) covers

the HP-UX-specific system administration concepts and topics including server hardware information and mass storage stack; virtualization technologies and HP-UX installation; software and patch management; user and group administration; LVM and file system administration; EVFS and swap management; system shutdown and startup procedures; kernel configuration and management techniques; backup and restore functions; printer and print request management, job automation and process control; and system logging and performance monitoring. 3. HP-UX Network Administration (chapters 23 to 36) covers HP-UX network and security administration concepts and topics such as OSI and TCP/IP reference models; network hardware overview and LAN interface administration; IP subnetting and routing techniques; basic network testing and troubleshooting; internet services and sendmail; time synchronization (NTP) and resource sharing (NFS, AutoFS and CIFS) services; naming (DNS, NIS and LDAP) services and automated installation techniques; and high-availability concepts and system security tools and

practices. Throughout the book figures, tables, screen shots and examples are given for explanation purposes. The book includes 863 exam review questions with answers. An information infrastructure is comprised of software, servers, storage, and networks, integrated and optimized to deliver timely, secure, and trusted information throughout the organization and to its clients and partners. With the explosive growth in data and information—coupled with demands for projects with rapid ROI—IT infrastructures and storage administrators are reaching a breaking point. IBM® can help with the changes needed to manage information availability, security, and regulatory and compliance requirements on a tighter budget. And because the health of any business often depends on its ability to take advantage of information in real time, a sound, intelligent informa-

tion infrastructure becomes critical to supporting new growth initiatives. IBM offers an innovative approach to help you manage information growth more effectively and mitigate risks with a dynamic infrastructure that efficiently and securely stores and protects information, and optimizes information access. You can control, protect, manage, and gain new intelligence from your information with the IBM leading-edge Information Infrastructure products, services and integrated solutions, supported by world-class expertise and access to top experts from around the world. This IBM Redbooks® publication provides an overview of the IBM Information Infrastructure solutions that are designed to help you manage the information explosion and address challenges of information compliance, availability, retention, and security. This will lead your company to-

ward improved productivity, service delivery, and reduced risk, while streamlining costs.

A guide to the installation and configuration of Oracle9i RAC covers such topics as the design of RAC clusters, configuration of TAF, and monitoring and tuning RAC applications.

This book offers comprehensive preparation for HP's tough new HP-UX CSA exam - and an expert reference for working system/network administrators. You'll find thorough, HP-reviewed coverage of every exam objective, including installation, configuration, control, maintenance, kernel tuning, and network administration. Already administering HP-UX systems? Planning to? Migrating from other UNIX platforms? Whatever your background, this book will prepare you for the realities of HP-UX administration - and for the CSA exam that will recognize your skills.