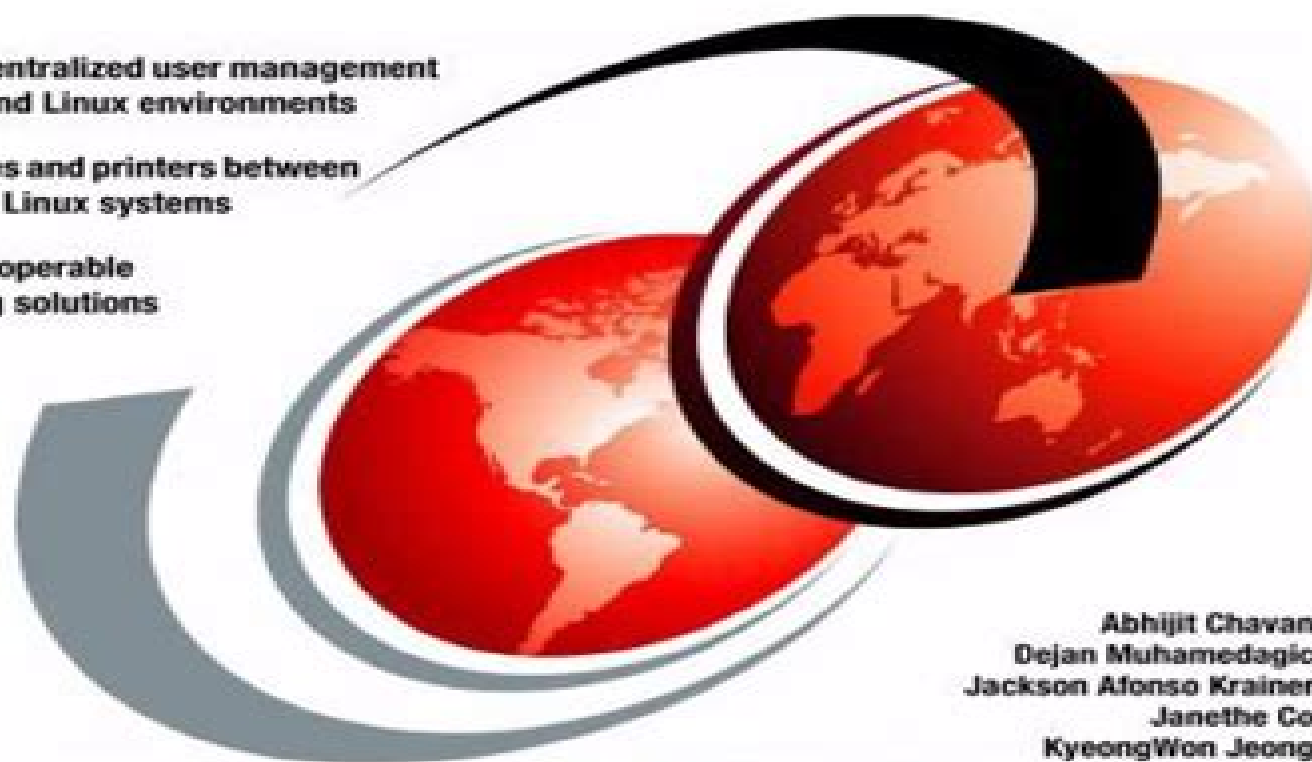


AIX and Linux Interoperability

Effective centralized user management
in AIX 5L and Linux environments

Sharing files and printers between
AIX 5L and Linux systems

Learn interoperable
networking solutions



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Jackson Afonso Krainer
Janet He Co
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Aix And Linux Interoperabilty Ibm Redbooks

Karin Nielsen-Saines



Aix And Linux Interoperability Ibm Redbooks:

AIX and Linux Interoperability, 2003 **IBM XIV Storage System: Host Attachment and Interoperability** Bertrand Dufrasne, Bruce Allworth, Desire Brival, Mark Kremkus, Markus Oscheka, Thomas Peralto, IBM Redbooks, 2014-04-14 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 **IBM Power Systems S814 and S824 Technical Overview and Introduction** Scott Vetter, Alexandre Bicas Caldeira, Bartłomiej Grabowski, Volker Haug, Marc-Eric Kahle, Andrew Laidlaw, Cesar Diniz Maciel, Monica Sanchez, Seulgi Yoppy Sung, IBM Redbooks, 2017-07-10 This IBM Redpaper™ publication is a comprehensive guide covering the IBM Power System S814 8286 41A and IBM Power System S824 8286 42A servers that support IBM AIX IBM i and Linux operating systems The objective of this paper is to introduce the major innovative Power S814 and Power S824 offerings and their relevant functions The new IBM POWER8™ processor available at frequencies of 3.02 GHz 3.52 GHz 3.72 GHz 3.89 GHz and 4.15 GHz Significantly strengthened cores and larger caches Two integrated memory controllers with improved latency and bandwidth Integrated I/O subsystem and hot pluggable PCIe Gen3 I/O slots Improved reliability serviceability and availability RAS functions IBM EnergyScale™ technology that provides features such as power trending power saving capping of power and thermal measurement This publication is for professionals who want to acquire a better understanding of IBM Power Systems™ products This paper expands the current set of IBM Power Systems documentation by providing a desktop reference that offers a detailed technical description of the Power S814 and Power S824 systems This paper does not replace the latest marketing materials and configuration tools It is intended as an additional source of information that together with existing sources can be used to enhance your knowledge of IBM server solutions *IBM System Storage DS5000 Series Implementation and Best Practices Guide* Sangam Racherla, Matus Butora, Antonio Dell'Apa, Mario Ganem, Corne Lottering, Libor Miklas, Hrvoje Stanilovic, Alexander Watson, IBM Redbooks, 2012-12-21 This IBM Redbooks publication represents a compilation of best practices for deploying and configuring the IBM System Storage DS5000 Series family of products This book is intended for IBM technical professionals Business Partners and customers responsible for the planning deployment and maintenance of the IBM System Storage DS5000 Series family of products We realize that setting up DS5000 Storage Servers can be a

complex task There is no single configuration that will be satisfactory for every application or situation First we provide a conceptual framework for understanding the hardware in a Storage Area Network Then we offer our guidelines hints and tips for the physical installation cabling and zoning using the Storage Manager setup tasks Next we provide a quick guide to help you install and configure the DS5000 using best practices After that we turn our attention to the performance and tuning of various components and features including numerous guidelines We look at performance implications for various application products such as IBM DB2 Oracle IBM Tivoli Storage Manager Microsoft SQL server and in particular Microsoft Exchange server Then we review the various tools available to simulate workloads and to measure collect and analyze performance data We also consider the IBM AIX environment including IBM High Availability Cluster Multiprocessing HACMP™ and IBM General Parallel File System GPFS™ This edition of the book also includes guidelines for managing and using the DS5000 with the IBM System Storage SAN Volume Controller SVC and IBM Storwize V7000

IBM Power 795 (9119-FHB)

Technical Overview and Introduction Scott Vetter, An Ding Chen, Carlo Costantini, James Cruickshank, Dave Freeman, Volker Haug, Breno Henrique Leitao, Cesar Diniz Maciel, John T Schmidt, IBM Redbooks, 2013-02-11 This IBM Redpaper™ publication is a comprehensive guide that covers the IBM Power 795 server that supports IBM AIX IBM i and Linux operating systems The goal of this paper is to introduce the innovative Power 795 offering and its major functions IBM POWER7 processor available at frequencies of 3.7 GHz and 4.0 GHz with TurboCore options of 4.25 GHz and 4.31 GHz Specialized POWER7 Level 3 cache that provides greater bandwidth capacity and reliability IBM PowerVM virtualization including PowerVM Live Partition Mobility and PowerVM IBM Active Memory™ Sharing TurboCore mode that delivers the highest performance per core Enhanced reliability accessibility and serviceability RAS features that are designed for maximum availability Active Memory Expansion that provides more usable memory than what is physically installed on the system IBM EnergyScale™ technology that provides features such as power trending power saving capping of power and thermal measurement Professionals who want to acquire a better understanding of IBM Power Systems™ products can benefit from reading this paper This paper complements the available set of IBM Power Systems documentation by providing a desktop reference that offers a detailed technical description of the Power 795 system This paper does not replace the latest marketing materials and configuration tools It is intended as an additional source of information that together with existing sources can be used to enhance your knowledge of IBM server solutions

z/OS V1.11 DFSMS Release Guide Mary Lovelace, Andre Luiz Coelho Da Silva, Anthony Fletcher, Juergen Hoerner, Norbert Schlumberger, Hien Troung, Craig Vernon, IBM Redbooks, 2010-11-19 Each release of data facility storage management subsystem DFSMS builds upon the previous version to provide enhanced storage management data access device support program management and distributed data access for the z/OS platform in a system managed storage environment This IBM Redbooks publication provides a summary of the functions and enhancements in z/OS V1R11 DFSMS It provides you with the information that you need to

understand and evaluate the content of this DFSMS release along with practical implementation hints and tips Also included are enhancements that were made available through an enabling PTF that has been integrated into z OS DFSMS V1R11 This book was written for storage professionals and system programmers who have experience with the components of DFSMS It provides sufficient information so that you can start prioritizing the implementation of new functions and evaluating their applicability in your DFSMS environment

IBM Power System E950: Technical Overview and Introduction Scott Vetter,James Cruickshank,Volker Haug,Yongsheng Li (Victor),Armin Röhl,IBM Redbooks,2019-12-09 This IBM Redpaper™ publication gives a broad understanding of a new architecture of the IBM Power System E950 9040 MR9 server that supports IBM AIX and Linux operating systems The objective of this paper is to introduce the major innovative Power E950 offerings and relevant functions The IBM POWER9™ processor which is available at frequencies of 2 8 3 4 GHz Significantly strengthened cores and larger caches Supports up to 16 TB of memory which is four times more than the IBM POWER8 processor based IBM Power System E850 server Integrated I O subsystem and hot pluggable Peripheral Component Interconnect Express PCIe Gen4 slots which have double the bandwidth of Gen3 I O slots Supports EXP12SX and ESP24SX external disk drawers which have 12 Gb Serial Attached SCSI SAS interfaces and support Active Optical Cables AOCs for greater distances and less cable bulk New IBM EnergyScale™ technology offers new variable processor frequency modes that provide a significant performance boost beyond the static nominal frequency This publication is for professionals who want to acquire a better understanding of IBM Power Systems™ products The intended audience includes the following roles Clients Sales and marketing professionals Technical support professionals IBM Business Partners Independent software vendors ISVs This paper expands the current set of Power Systems documentation by providing a desktop reference that offers a detailed technical description of the Power E950 server This paper does not replace the current marketing materials and configuration tools It is intended as an extra source of information that together with existing sources can be used to enhance your knowledge of IBM server solutions

IBM Power System E980: Technical Overview and Introduction Scott Vetter,James Cruickshank,Volker Haug,Yongsheng Li (Victor),Armin Röhl,IBM Redbooks,2023-06-28 This IBM Redpaper™ publication provides a broad understanding of a new architecture of the IBM Power System E980 9080 M9S server that supports IBM AIX IBM i and Linux operating systems OSes The objective of this paper is to introduce the major innovative Power E980 offerings and relevant functions The IBM POWER9™ processor which is available at frequencies of 3 55 4 0 GHz Significantly strengthened cores and larger caches Supports up to 64 TB memory Integrated I O subsystem and hot pluggable Peripheral Component Interconnect Express PCIe Gen4 slots double the bandwidth of Gen3 I O slots Supports EXP12SX and ESP24SX external disk drawers which have 12 Gb SAS interfaces and double the existing EXP24S drawer bandwidth New IBM EnergyScale™ technology offers new variable processor frequency modes that provide a significant performance boost beyond the static nominal frequency This publication is for professionals who want to acquire a better

understanding of IBM Power Systems™ products The intended audience includes the following roles Clients Sales and marketing professionals Technical support professionals IBM Business Partners Independent software vendors ISVs This paper expands the current set of IBM Power Systems documentation by providing a desktop reference that offers a detailed technical description of the Power E980 server This paper does not replace the current marketing materials and configuration tools It is intended as an extra source of information that together with existing sources can be used to enhance your knowledge of IBM server solutions

Application Acceleration and WAN Optimization Fundamentals

Ted Grevers Jr., Joel Christner CCIE No. 15311, 2012-01-10 IT organizations face pressure to increase productivity improve application performance support global collaboration improve data protection and minimize costs In today's WAN centered environments traditional LAN oriented infrastructure approaches are insufficient to meet these goals Application Acceleration and WAN Optimization Fundamentals introduces a better solution integrating today's new generation of accelerator solutions to efficiently and effectively scale networks beyond traditional capabilities while improving performance and minimizing costs through consolidation Ted Grevers and Joel Christner begin by reviewing the challenges network professionals face in delivering applications to globally distributed workforces You learn how accelerators are transforming application business models enabling IT departments to centralize and consolidate resources while also delivering consistently superior performance Grevers and Christner show how to identify network consumers prioritize traffic and guarantee appropriate throughput and response times to business critical applications You learn how to use quality of service techniques such as packet classification and marking and traffic policing queuing scheduling and shaping Next you compare options for integrating accelerators and optimization services into your network and for optimizing content delivery The authors show how to address application protocol related performance problems that cannot be resolved through compression or flow optimization alone In the final chapter the authors walk you through several real world scenarios for utilizing accelerator technology Ted Grevers Jr is the solution manager for the Cisco Video IPTV Systems Test and Architecture C VISTA team He has extensive experience in the content delivery network CDN market focusing on enterprise and service provider content delivery and application optimization needs Joel Christner CCIE No 15311 is the manager of technical marketing for the Cisco Application Delivery Business Unit ADBU He has extensive experience with application protocols acceleration technologies LAN WAN infrastructure and storage networking Grevers and Christner are key contributors to the design and architecture of Cisco application delivery and application acceleration solutions Provide high performance access to remote data content video rich media and applications Understand how accelerators can improve network performance and minimize bandwidth consumption Use NetFlow to baseline application requirements and network utilization Ensure network resources are allocated based on business priorities Identify performance barriers arising from networks protocols operating systems hardware file systems and applications Employ application specific acceleration

components to mitigate the negative impact of latency and bandwidth consumption Integrate content delivery networks CDN to centrally manage the acquisition security and distribution of content to remote locations Leverage WAN optimization technologies to improve application throughput mitigate the impact of latency and loss and minimize bandwidth consumption Optimize the performance of WANs and business critical WAN applications This book is part of the Cisco Press Fundamentals Series Books in this series introduce networking professionals to new networking technologies covering network topologies sample deployment concepts protocols and management techniques Category Cisco Press Networking Covers Network Optimization

IBM Power Systems E870C and E880C Technical Overview and Introduction Scott Vetter,Alexandre Bicas Caldeira,Volker Haug,IBM Redbooks,2018-11-14 This IBM Redpaper™ publication is a comprehensive guide that covers the IBM Power System E870C 9080 MME and IBM Power System E880C 9080 MHE servers that support IBM AIX IBM i and Linux operating systems The objective of this paper is to introduce the major innovative Power E870C and Power E880C offerings and their relevant functions The new Power E870C and Power E880C servers with OpenStack based cloud management and open source automation enables clients to accelerate the transformation of their IT infrastructure for cloud while providing tremendous flexibility during the transition In addition the Power E870C and Power E880C models provide clients increased security high availability rapid scalability simplified maintenance and management all while enabling business growth and dramatically reducing costs The systems management capability of the Power E870C and Power E880C servers speeds up and simplifies cloud deployment by providing fast and automated VM deployments prebuilt image templates and self service capabilities all with an intuitive interface Enterprise servers provide the highest levels of reliability availability flexibility and performance to bring you a world class enterprise private and hybrid cloud infrastructure Through enterprise class security efficient built in virtualization that drives industry leading workload density and dynamic resource allocation and management the server consistently delivers the highest levels of service across hundreds of virtual workloads on a single system The Power E870C and Power E880C server includes the cloud management software and services to assist with clients move to the cloud both private and hybrid The following capabilities are included Private cloud management with IBM Cloud PowerVC Manager Cloud based HMC Apps as a service and open source cloud automation and configuration tooling for AIX Hybrid cloud support Hybrid infrastructure management tools Securely connect system of record workloads and data to cloud native applications IBM Cloud Starter Pack Flexible capacity on demand Power to Cloud Services This paper expands the current set of IBM Power Systems™ documentation by providing a desktop reference that offers a detailed technical description of the Power E870C and Power E880C systems This paper does not replace the latest marketing materials and configuration tools It is intended as another source of information that together with existing sources can be used to enhance your knowledge of IBM server solutions

IBM Power Systems HMC Implementation and Usage Guide Scott Vetter,Sylvain Delabarre,Sorin Hanganu,Thomas Libor PhD,IBM Redbooks,2017-08-10 The IBM Hardware

Management Console HMC provides to systems administrators a tool for planning deploying and managing IBM Power Systems™ servers This IBM Redbooks publication is an extension of IBM Power Systems HMC Implementation and Usage Guide SG24 7491 and also merges updated information from IBM Power Systems Hardware Management Console Version 8 Release 8 1 0 Enhancements SG24 8232 It explains the new features of IBM Power Systems Hardware Management Console Version V8 8 1 0 through V8 8 4 0 The major functions that the HMC provides are Power Systems server hardware management and virtualization partition management Further information about virtualization management is in the following publications IBM PowerVM Virtualization Managing and Monitoring SG24 7590 IBM PowerVM Virtualization Introduction and Configuration SG24 7940 IBM PowerVM Enhancements What is New in 2013 SG24 8198 IBM Power Systems SR IOV Technical Overview and Introduction REDP 5065 The following features of HMC V8 8 1 0 through HMC V8 8 4 0 are described in this book HMC V8 8 1 0 enhancements HMC V8 8 4 0 enhancements System and Partition Templates HMC and IBM PowerVM Simplification Enhancement Manage Partition Enhancement Performance and Capacity Monitoring HMC V8 8 4 0 upgrade changes

Oracle to DB2 Conversion Guide: Compatibility Made Easy Yvonne Chan,Nick Ivanov,Olaf Mueller,IBM Redbooks,2014-07-03 This IBM Redbooks publication describes IBM DB2 SQL compatibility features The latest version of DB2 includes extensive native support for the PL SQL procedural language new data types scalar functions improved concurrency built in packages OCI SQLPlus and more These features can help with developing applications that run on both DB2 and Oracle and can help simplify the process of moving from Oracle to DB2 In addition IBM now provides tools to simplify the enablement process such as the highly scalable IBM Data Movement Tool for moving schema and data into DB2 and an Editor and Profiler for PL SQL provided by the IBM Data Studio tool suite This Oracle to DB2 migration guide describes new technology preferred practices for moving to DB2 and common scenarios that can help you as you move from Oracle to DB2 This book is intended for IT architects and developers who are converting from Oracle to DB2 DB2 compatibility with Oracle is provided through native support The new capabilities in DB2 that provide compatibility are implemented at the lowest and most intimate levels of the database kernel as though they were originally engineered for DB2 means that the DB2 implementation is done without the aid of an emulation layer This intimacy leads to the scalable implementation that DB2 offers providing identical performance between DB2 compatibility features and DB2 other language elements For example DB2 runs SQL PL at the same performance as PL SQL implementations of the same function

Systems of Insight Overview Hector H. Diaz Lopez,IBM Redbooks,2015-11-17 Decision making is a critical function in any enterprise The decision making process that is enhanced by analytics can be described as consuming and collecting data detecting relationships and patterns applying sophisticated analysis techniques reporting and automation of the follow on action The IT system that supports decision making is composed of the traditional systems of record systems of engagement and the systems of insight This IBM Redbooks Solution Guide introduces the concept of systems of insight based

on what is detailed in the IBM Redbooks publication Systems of Insight for Digital Transformation SG24 8293 found at <http://www.redbooks.ibm.com/redpieces/abstracts/sg248293.html> Open

Building an Ensemble Using IBM zEnterprise Unified Resource Manager Bill White, Elsie Ramos, Octavian Lascu, Mike Ebberts, Paola Bari, Gwen Dente, Wolfgang Fries, Marian Gasparovic, Brian Hatfield, Jeff McDonough, Iain Neville, Giancarlo Rodolfi, Thomas Schulze, Paul Sutera, Qi Ye, Richard Young, IBM Redbooks, 2012-12-12 For the first time it is possible to deploy an integrated hardware platform that brings mainframe and distributed technologies together a system that can start to replace individual islands of computing and that can work to reduce complexity improve security and bring applications closer to the data that they need With the zEnterprise System a new concept in IT infrastructures is being introduced zEnterprise ensembles A zEnterprise ensemble is a collection of highly virtualized diverse systems that can be managed as a single logical entity where diverse workloads can be deployed Ensembles together with the virtualization flexibility security and management capabilities provided by the zEnterprise System are key to solving the problems posed by today's IT infrastructure The zEnterprise System consists of three components IBM zEnterprise Central Processor Complex CPC The zEnterprise CPC can either be a zEnterprise 196 z196 or a zEnterprise 114 z114 Both zEnterprise CPCs offer z OS z VSE and z TPF operating systems as well as the ability to run many virtualized Linux servers under the z VM operating system IBM zEnterprise BladeCenter Extension zBX The zBX provides the capability to run the wide variety of applications typically found in UNIX and x86 architectures The zBX supports select POWER7 blades running AIX and System x blades running Linux on System x and Microsoft Windows IBM zEnterprise Unified Resource Manager Unified Resource Manager runs in the Hardware Management Console HMC It provides integrated management across all elements of the zEnterprise System This IBM Redbooks publication discusses how to plan and implement an ensemble using the zEnterprise Unified Resource Manager This book assumes a knowledge of IT systems networks and storage devices

IBM FlashSystem V9000 Version 7.7 Product Guide Jon Herd, Carsten Larsen, IBM Redbooks, 2016-10-17 The success or failure of businesses often depends on how well organizations use their data assets for competitive advantage Deeper insights from data require better information technology As organizations modernize their IT infrastructure to boost innovation rather than limit it they need a data storage system that can keep pace with highly virtualized environments cloud computing mobile and social systems of engagement and in depth real time analytics Making the correct decision on storage investment is critical Organizations must have enough storage performance and agility to innovate as they need to implement cloud based IT services deploy virtual desktop infrastructure enhance fraud detection and use new analytics capabilities At the same time future storage investments must lower IT infrastructure costs while helping organizations to derive the greatest possible value from their data assets IBM FlashSystem storage solutions can accelerate the transformation of the modern organizations into an IBM Cognitive Business™ FlashSystem all flash storage arrays are purpose engineered to support the organization's active data sets FlashSystem solutions offer a broad range of

industry leading storage virtualization and data management features that can provide improved storage system performance efficiency and reliability Even better FlashSystem can be less expensive than conventional enterprise storage solutions This IBM Redbooks Product Guide describes IBM FlashSystem V9000 which is a comprehensive all flash enterprise storage solution that delivers the full capabilities of IBM FlashCore™ technology In addition it provides a rich set of software defined storage features including IBM Real time Compression™ dynamic tiering thin provisioning snapshots cloning replication data copy services and IBM HyperSwap for high availability With the release of FlashSystem V9000 Software V7.7.1 extra functions and features are available including support for new and more powerful FlashSystem V9000 control enclosure Model AC3 and new SAS based small form factor SFF and large form factor LFF expansion enclosures that provide a mixture of nearline hard disk drives HDDs and flash mdisks in a pool that can be used for IBM Easy Tier The new IBM FlashSystem V9000 SFF expansion enclosure Model 24F offers new tiering options with low cost solid state drive SSD Up to 20 serial attached SCSI SAS expansions are supported per FlashSystem V9000 controller pair providing up to 480 drives with expansion Model 24F and up to 240 drives with expansion Model 12F Also new with FlashSystem V9000 Software V7.7.1 is N_Port ID Virtualization NPIV support which virtualizes worldwide port names WWPNs for zero path reduction during controller maintenance and outages FlashSystem V9000 Software version 7.7.1 replaces version 7.7 and is available to all IBM FlashSystem V9000 customers with current warranty or software maintenance agreements

Windows Server 2003 Security Infrastructures Jan De Clercq, 2004-04-02 Windows Server 2003 Security Infrastructures is a must for anyone that wants to know the nuts and bolts of Windows Server 2003 security and wants to leverage the operating system's security infrastructure components to build a more secure IT infrastructure The primary goal of this book is to provide insights into the security features and technologies of the Windows Server 2003 operating system It also highlights the security principles an architect should remember when designing an infrastructure that is rooted on the Windows Server 2003 OS Explains nuts and bolts of Windows Server 2003 security Provides practical insights into how to deploy and administer secure Windows Server 2003 infrastructures Draws on the experience of a lead consultant in the Microsoft security area

IBM Power 720 and 740 (8202-E4B, 8205-E6B) Technical Overview and Introduction Scott Vetter, An Ding Chen, James Cruickshank, Carlo Costantini, Volker Haug, Cesar Diniz Maciel, John T Schmidt, IBM Redbooks, 2012-12-04 This IBM Redpaper™ publication is a comprehensive guide covering the IBM Power 720 and Power 740 servers supporting AIX IBM i and Linux operating systems The goal of this paper is to introduce the major innovative Power 720 and 740 offerings and their prominent functions including these The POWER7™ processor available at frequencies of 3.0 GHz 3.55 GHz and 3.7 GHz The specialized POWER7 Level 3 cache that provides greater bandwidth capacity and reliability The 1 Gb or 10 Gb Integrated Virtual Ethernet adapter included with each server configuration and providing native hardware virtualization The latest PowerVM™ virtualization including PowerVM Live Partition Mobility and PowerVM Active Memory™ Sharing Active

Memory Expansion that provides more usable memory than what is physically installed on the system EnergyScale™ technology that provides features such as power trending power saving capping of power and thermal measurement Professionals who want to acquire a better understanding of IBM Power Systems products can benefit from reading this paper This paper expands the current set of IBM Power Systems documentation by providing a desktop reference that offers a detailed technical description of the Power 720 and Power 740 systems This paper does not replace the latest marketing materials and configuration tools It is intended as an additional source of information that together with existing sources can be used to enhance your knowledge of IBM server solutions

IBM PowerVM Virtualization Introduction and Configuration
Scott Vetter,Mel Cordero,Lucio Correia,Hai Lin,Vamshikrishna Thatikonda,Rodrigo Xavier,IBM Redbooks,2017-06-09 This IBM Redbooks publication provides an introduction to PowerVMTM virtualization technologies on Power System servers PowerVM is a combination of hardware firmware and software that provides CPU network and disk virtualization These are the main virtualization technologies POWER7 POWER6 and POWER5 hardware POWER Hypervisor Virtual I O Server Though the PowerVM brand includes partitioning management software and other offerings this publication focuses on the virtualization technologies that are part of the PowerVM Standard and Enterprise Editions This publication is also designed to be an introduction guide for system administrators providing instructions for these tasks Configuration and creation of partitions and resources on the HMC Installation and configuration of the Virtual I O Server Creation and installation of virtualized partitions Examples using AIX IBM i and Linux This edition has been updated with the latest updates available and an improved content organization

IBM Power 710 and 730 (8231-E2B) Technical Overview and Introduction
Scott Vetter,An Ding Chen,James Cruickshank,Carlo Costantini,Volker Haug,Cesar Diniz Maciel,John T Schmidt,IBM Redbooks,2012-03-21 This IBM Redpaper™ publication is a comprehensive guide covering the IBM Power 710 and Power 730 servers supporting AIX IBM i and Linux operating systems The goal of this paper is to introduce the major innovative Power 710 and 730 offerings and their prominent functions including these The POWER7™ processor available at frequencies of 3.0 GHz 3.55 GHz and 3.7 GHz The specialized POWER7 Level 3 cache that provides greater bandwidth capacity and reliability The 1 Gb or 10 Gb Integrated Virtual Ethernet adapter included with each server configuration and providing native hardware virtualization PowerVMTM virtualization including PowerVM Live Partition Mobility and PowerVM Active Memory™ Sharing Active Memory Expansion that provides more usable memory than what is physically installed on the system EnergyScale™ technology that provides features such as power trending power saving capping of power and thermal measurement Professionals who want to acquire a better understanding of IBM Power Systems products can benefit from reading this paper This paper expands the current set of IBM Power Systems documentation by providing a desktop reference that offers a detailed technical description of the Power 710 and Power 730 systems This paper does not replace the latest marketing materials and configuration tools It is intended as an additional source of information that together with

existing sources can be used to enhance your knowledge of IBM server solutions [IBM Power E1050: Technical Overview and Introduction](#) Scott Vetter, Giuliano Anselmi, Marc Gregorutti, Stephen Lutz, Michael Malicdem, Guido Somers, Tsvetomir Spasov, IBM Redbooks, 2023-01-30 This IBM Redpaper publication is a comprehensive guide that covers the IBM Power E1050 server 9043 MRX that uses the latest IBM Power10 processor based technology and supports IBM AIX and Linux operating systems OSs The goal of this paper is to provide a hardware architecture analysis and highlight the changes new technologies and major features that are being introduced in this system such as The latest IBM Power10 processor design including the dual chip module DCM packaging which is available in various configurations from 12 24 cores per socket Support of up to 16 TB of memory Native Peripheral Component Interconnect Express PCIe 5th generation Gen5 connectivity from the processor socket to deliver higher performance and bandwidth for connected adapters Open Memory Interface OMI connected Differential Dual Inline Memory Module DDIMM memory cards delivering increased performance resiliency and security over industry standard memory technologies including transparent memory encryption Enhanced internal storage performance with the use of native PCIe connected Non volatile Memory Express NVMe devices in up to 10 internal storage slots to deliver up to 64 TB of high performance low latency storage in a single 4 socket system Consumption based pricing in the Power Private Cloud with Shared Utility Capacity commercial model to allow customers to consume resources more flexibly and efficiently including AIX Red Hat Enterprise Linux RHEL SUSE Linux Enterprise Server and Red Hat OpenShift Container Platform workloads This publication is for professionals who want to acquire a better understanding of IBM Power products The intended audience includes IBM Power customers Sales and marketing professionals Technical support professionals IBM Business Partners Independent software vendors ISVs This paper expands the set of IBM Power documentation by providing a desktop reference that offers a detailed technical description of the Power E1050 Midrange server model This paper does not replace the current marketing materials and configuration tools It is intended as an extra source of information that together with existing sources can be used to enhance your knowledge of IBM server solutions

Eventually, you will enormously discover a other experience and carrying out by spending more cash. still when? accomplish you say you will that you require to acquire those all needs subsequent to having significantly cash? Why dont you try to get something basic in the beginning? Thats something that will guide you to understand even more on the globe, experience, some places, when history, amusement, and a lot more?

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https://abp-london.co.uk/data/browse/HomePages/brides_wedding_planner_the_perfect_guide_to_the_perfect_wedding.pdf

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