Power Distribution Unit ports

Serial port

Local user A
- VGA port
- USB for mouse/keyboard
- Two extra USB

Target (ARI) ports
- Connect to target systems or tiered switches
- 16 ports on GCM16
- 32 ports on GCM32
- RJ45 connectors, CAT-5 cables

Redundant Ethernet inputs

Modem input for remote access

ACI port used in tiered configurations

Redundant power supplies

Ibm Kvm Manual

Sherry Brunson,Bert Dufrasne,Peter Kimmel,IBM Redbooks

Ibm Kvm Manual:

IBM z14 ZR1 Technical Guide Octavian Lascu,Hervey Kamga,Frank Packheiser,Martijn Raave,John Troy,Bill White,IBM Redbooks,2018-12-17 This IBM Redbooks publication describes the new member of the IBM Z family IBM z14TM Model ZR1 Machine Type 3907 It includes information about the Z environment and how it helps integrate data and transactions more securely and can infuse insight for faster and more accurate business decisions The z14 ZR1 is a state of the art data and transaction system that delivers advanced capabilities which are vital to any digital transformation The z14 ZR1 is designed for enhanced modularity in an industry standard footprint A data centric infrastructure must always be available with a 99 999% or better availability have flawless data integrity and be secured from misuse It also must be an integrated infrastructure that can support new applications Finally it must have integrated capabilities that can provide new mobile capabilities with real time analytics that are delivered by a secure cloud infrastructure IBM z14 ZR1 servers are designed with improved scalability performance security resiliency availability and virtualization The superscalar design allows z14 ZR1 servers to deliver a record level of capacity over the previous IBM Z platforms In its maximum configuration z14 ZR1 is powered by up to 30 client characterizable microprocessors cores running at 4 5 GHz This configuration can run more than 29 000 million instructions per second and up to 8 TB of client memory The IBM z14 Model ZR1 is estimated to provide up to 54% more total system capacity than the IBM z13s Model N20 This Redbooks publication provides information about IBM z14 ZR1 and its functions features and associated software support More information is offered in areas that are relevant to technical planning It is intended for systems engineers consultants planners and anyone who wants to understand the IBM Z servers functions and plan for their usage It is intended as an introduction to mainframes Readers are expected to be generally familiar with IBM Z technology and terminology **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 SystemsTM 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   IBM SONAS Implementation Guide Megan Gilge,Marcos Figueiredo Jr,Daesung Kim,Mary Lovelace,Bill Marshall,Gabor Penzes,Ravikumar Ramaswamy,Joa Roa,John Tarella,Michael Taylor,Shradha Nayak Thakare,IBM Redbooks,2015-06-26 IBM Scale Out Network Attached Storage SONAS is a scale out network attached storage offering that is designed to manage vast repositories of information in enterprise environments that require large capacities high levels of performance and high availability SONAS provides a range of reliable scalable storage solutions for various storage requirements These capabilities are achieved by using network access protocols such as Network File System NFS Common Internet File System CIFS Hypertext Transfer Protocol Secure HTTPS File Transfer Protocol FTP and Secure Copy Protocol SCP Using built in RAID technologies all data is well protected with options to add more protection through mirroring replication snapshots and backup These storage systems are also characterized by simple management interfaces that make installation administration and troubleshooting uncomplicated and straightforward This IBM Redbooks publication is the companion to IBM SONAS Best Practices SG24 8051 It is intended for storage administrators who have ordered their SONAS solution and are ready to install customize and use it It provides backup and availability scenarios information about configuration and troubleshooting This book applies to IBM SONAS Version 1 5 5 It is useful for earlier releases of IBM SONAS as well   IBM Software Defined Environment Dino Quintero,William M Genovese,KiWaon Kim,Ming Jun MJ Li,Fabio Martins,Ashish Nainwal,Dusan Smolej,Marcin Tabinowski,Ashu Tiwary,IBM Redbooks,2015-08-14 This IBM Redbooks publication introduces the IBM Software Defined Environment SDE solution which helps to optimize the entire computing infrastructure compute storage and network resources so that it can adapt to the type of work required In today s environment resources are assigned manually to workloads but that happens automatically in a SDE In an SDE workloads are dynamically assigned to IT resources based on application characteristics best available resources and service level policies so that they deliver continuous dynamic optimization and reconfiguration to address infrastructure issues Underlying all of this are policy based compliance checks and updates in a centrally managed environment Readers get a broad introduction to the new architecture Think integration automation and optimization Those are enablers of cloud delivery and analytics SDE can accelerate business success by matching workloads and resources so that you have a responsive adaptive environment With the IBM Software Defined Environment infrastructure is fully programmable to rapidly deploy workloads on optimal resources and to instantly respond to changing business demands This information is intended for IBM sales representatives IBM software architects IBM Systems Technology Group brand specialists distributors resellers and anyone who is developing or implementing SDE   **IBM z15 (8561) Technical Guide** Octavian Lascu,John Troy,Jannie Houlbjerg,Frank Packheiser,Paul Schouten,Kazuhiro Nakajima,Anna Shugol,Hervey Kamga,Bo XU,IBM Redbooks,2022-07-13 This IBM Redbooks publication describes the features and functions the latest member of the IBM Z platform the IBM z15TM machine

type 8561 It includes information about the IBM z15 processor design I O innovations security features and supported operating systems The z15 is a state of the art data and transaction system that delivers advanced capabilities which are vital to any digital transformation The z15 is designed for enhanced modularity which is in an industry standard footprint This system excels at the following tasks Making use of multicloud integration services Securing data with pervasive encryption Accelerating digital transformation with agile service delivery Transforming a transactional platform into a data powerhouse Getting more out of the platform with IT Operational Analytics Accelerating digital transformation with agile service delivery Revolutionizing business processes Blending open source and Z technologies This book explains how this system uses new innovations and traditional Z strengths to satisfy growing demand for cloud analytics and open source technologies With the z15 as the base applications can run in a trusted reliable and secure environment that improves operations and lessens business risk **IBM z15 (8562) Technical Guide** Octavian Lascu,IBM Redbooks,2021-04-28 This IBM Redbooks publication describes the features and functions the latest member of the IBM Z platform the IBM z15TM Model T02 machine type 8562 It includes information about the IBM z15 processor design I O innovations security features and supported operating systems The z15 is a state of the art data and transaction system that delivers advanced capabilities which are vital to any digital transformation The z15 is designed for enhanced modularity which is in an industry standard footprint This system excels at the following tasks Making use of multicloud integration services Securing data with pervasive encryption Accelerating digital transformation with agile service delivery Transforming a transactional platform into a data powerhouse Getting more out of the platform with IT Operational Analytics Accelerating digital transformation with agile service delivery Revolutionizing business processes Blending open source and Z technologies This book explains how this system uses new innovations and traditional Z strengths to satisfy growing demand for cloud analytics and open source technologies With the z15 as the base applications can run in a trusted reliable and secure environment that improves operations and lessens business risk **Guide to IBM PowerHA SystemMirror for AIX Version 7.1.3** Dino Quintero,Alex Abderrazag,Bernhard Buehler,Primitivo Cervantes,Bharathraj Keshavamurthy,Kunal Langer,Luciano Martins,Ashish Nainwal,Minh Pham,Katharina Probst,Matt Radford,Bjorn Roden,Michael Schmut,Isac Silva,Yefei Song,Ben Swinney,Ashraf Ali Thajudeen,Marian Tomescu,Sascha Wycisk,IBM Redbooks,2015-06-16 This IBM Redbooks publication for IBM Power SystemsTM with IBM PowerHA SystemMirror Standard and Enterprise Editions hardware software practices reference architectures and tools documents a well defined deployment model within an IBM Power Systems environment It guides you through a planned foundation for a dynamic infrastructure for your enterprise applications This information is for technical consultants technical support staff IT architects and IT specialists who are responsible for providing high availability and support for the IBM PowerHA SystemMirror Standard and Enterprise Editions on IBM POWER systems **IBM DS8910F Model 993 Rack-Mounted Storage System Release 9.1** Sherry Brunson,Bert Dufrasne,Peter Kimmel,IBM Redbooks,2023-04-28 This

IBM Redpaper publication presents and positions the DS8910F Model 993 storage system This modular system can be integrated into a 16U contiguous space of an IBM z15TM model T02 or IBM z14 Model ZR1 with Feature Code 0937 and IBM LinuxONE III model LT2 or LinuxONE Rockhopper II model LR1 with Feature Code 0938 The DS8910F Model 993 allows you to take advantage of the performance boost of all flash systems and advanced features while limiting data center footprint and power infrastructure requirements *Creating Smart Virtual Appliances with IBM Image Construction and Composition Tool* Greg Hurlebaus,Rashed Ferdous,John Jacobson,Li-Fang Lee,Jarek Miszczyk,Pat Nickel,David Peraza,Moises Romo,Kerry Staples,IBM Redbooks,2013-07-24 In a traditional deployment model software is installed on a physical server and it is configured for the particular data center environment The cloud deployment model requires that the dependency on a specific hardware configuration is severed This IBM Redbooks publication guides you through the transition from the traditional application deployment model to the cloud friendly deployment model It explains how to achieve these goals by packaging the software stacks into industry standard virtual appliances A key part of this transition involves using the IBM Image Construction and Composition Tool This tool is the IBM tool for creating virtualized workloads that target several private cloud deployment platforms including platforms from IBM and not from IBM In fact this tool is unique in its ability to support such a wide range of cloud offerings It is also the only tool in the marketplace that can create virtual appliances for both x86 and IBM Power hardware architectures This book provides an in depth look at the capabilities and internal workings of Image Construction and Composition Tool It focuses on the capabilities of this tool which target the virtualization and cloud offerings of IBM Systems and Technology Group These offerings include IBM Systems Director VMControlTM IBM SmartCloud Entry and IBM PureFlexTM System with IBM Flex System ManagerTM appliance The Image Construction and Composition Tool also has a much richer set of capabilities Specifically it supports IBM Workload Deployer IBM PureApplicationTM Systems and IBM SmartCloud Provisioning This publication targets software architects cloud solutions architects and cloud administrators Its goal is to provide you with the expert level skills required to package the existing and newly created applications into self configurable smart virtual appliances Related publication Smart Virtual Appliances Made Easy with IBM Image Construction and Composition Tool TIPS1037   **IBM Power System S812LC Technical Overview and Introduction** Scott Vetter,Alexandre Caldeira,Marc-Eric Kahle,Gerard Saverimuthu,K. C. Vearner,IBM Redbooks,2017-04-10 This IBM RedpaperTM publication is a comprehensive guide that covers the IBM Power SystemTM S812LC 8347 21C servers that use the latest IBM POWER8 processor technology and supports the Linux operating system OS The objective of this paper is to introduce the major innovative Power S812LC offerings and their relevant functions Powerful POWER8 processors that offer 3 32 GHz or 2 92 GHz performance with eight or ten fully activated cores Superior throughput and performance for high value Linux workloads such as Linux Apache MariaDB and PHP LAMP Hadoop Spark or industry application Low acquisition cost through system optimization industry standard memory limited configurations

limited I O and expansion and industry standard warranty Up to 112 TB of internal storage More choices through open interfaces with tightly coupled FPGAs and coherent tightly coupled accelerators CAPI Improved reliability serviceability and availability RAS functions IBM EnergyScaleTM technology 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 The intended audience includes the following roles Clients Sales and marketing professionals Technical support professionals IBM Business Partners Independent software vendors 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 S812LC computing server 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 **Performance Optimization and Tuning Techniques for IBM Power Systems Processors Including IBM POWER8** Brian Hall,Peter Bergner,Alon Shalev Housfater,Madhusudanan Kandasamy,Tulio Magno,Alex Mericas,Steve Munroe,Mauricio Oliveira,Bill Schmidt,Will Schmidt,Bernard King Smith,Julian Wang,Suresh Warrier,David Wendt,IBM Redbooks,2017-03-31 This IBM Redbooks publication focuses on gathering the correct technical information and laying out simple guidance for optimizing code performance on IBM POWER8 processor based systems that run the IBM AIX IBM i or Linux operating systems There is straightforward performance optimization that can be performed with a minimum of effort and without extensive previous experience or in depth knowledge The POWER8 processor contains many new and important performance features such as support for eight hardware threads in each core and support for transactional memory The POWER8 processor is a strict superset of the IBM POWER7 TM processor and so all of the performance features of the POWER7 processor such as multiple page sizes also appear in the POWER8 processor Much of the technical information and guidance for optimizing performance on POWER8 processors that is presented in this guide also applies to POWER7 and earlier processors except where the guide explicitly indicates that a feature is new in the POWER8 processor This guide strives to focus on optimizations that tend to be positive across a broad set of IBM POWER processor chips and systems Specific guidance is given for the POWER8 processor however the general guidance is applicable to the IBM POWER7 IBM POWER7 IBM POWER6 IBM POWER5 and even to earlier processors This guide is directed at personnel who are responsible for performing migration and implementation activities on POWER8 processor based systems This includes system administrators system architects network administrators information architects and database administrators DBAs **IBM Power System S822LC Technical Overview and Introduction** Scott Vetter,Alexandre Caldeira,Marc-Eric Kahle,Gerard Saverimuthu,K. C. Vearner,IBM Redbooks,2017-03-30 This IBM RedpaperTM publication is a comprehensive guide that covers the IBM Power SystemTM S822LC 8335 GCA and 8335 GTA servers that use the latest IBM POWER8 processor technology and supports the Linux operating system OS The objective of this paper is to introduce the major innovative

Power S822LC offerings and their relevant functions Powerful POWER8 processors that offer 3 32 GHz or 2 92 GHz performance with eight or ten fully activated cores Superior throughput and performance for high value Linux workloads such as Linux Apache MariaDB and PHP LAMP big data and analytics or industry applications Low acquisition cost through system optimization industry standard memory limited configurations limited I O and expansion and industry standard warranty A strong innovation roadmap for graphics processor units GPUs accelerators More choices through open interfaces with tightly coupled Field Programmable Gate Arrays FPGAs and Coherent Accelerator Processor Interface CAPI Improved reliability serviceability and availability RAS functions IBM EnergyScaleTM 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 The intended audience includes the following roles Clients Sales and marketing professionals Technical support professionals IBM Business Partners Independent software vendors This paper expands the set of IBM Power Systems documentation by providing a desktop reference that offers a detailed technical description of the Power S822LC server 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 **Implementing Systems Management of IBM PureFlex System** Ilya Krutov,Carl Gola,Jeff Schoby,IBM Redbooks,2014-04-22 To meet today s complex and ever changing business demands you need a solid foundation of compute storage networking and software resources This system must be simple to deploy and be able to quickly and automatically adapt to changing conditions You also need to be able to take advantage of broad expertise and proven guidelines in systems management applications industry solutions and more IBM PureFlex System combines no compromise system designs along with built in expertise and integrates them into complete optimized scalable solutions With IBM Flex System Manager multiple solution components that include compute nodes network and storage infrastructures storage systems and heterogeneous virtualization environments can be managed from a single panel This IBM Redbooks publication introduces IBM PureFlex System and IBM Flex System and their management devices and appliances It provides implementation guidelines for managing Linux kernel based virtual machine KVM IBM PowerVM VMware vSphere and Microsoft Hyper V virtualization environments This book is intended for the IT community of clients IBM Business Partners and IBM employees who are interested in planning and implementing systems management of the IBM PureFlex System

IBM PurePower Technical Overview and Introduction Patrick Lindsey,Andrew Nardone,Hansjörg Schneider,Martin Schulz,IBM Redbooks,2015-12-18 This IBM RedpaperTM publication introduces and provides a technical overview of the IBM PurePower System that helps support management of big data social media mobile analytics and the flow of critical information A PurePower System can be configured in an affordable entry level configuration in a single rack and it is agile enough to be expanded for scalable cloud deployments It has built in redundancy for highly reliable and resilient operation to

support demanding applications and cloud services as required by many enterprises A PurePower System also provides the scalability flexibility and versatility that you demand for business critical workloads The following enhancements were announced in October 2015 IBM i operating system on top of a Virtual I O Server VIOS now supported on the IBM Power System S822 server Improvements to PurePower Integrated Manager Integration of HMC code virtual HMC into the PurePower Integrated Manager Ability to order translated PurePower documentation that is geography specific Configuration support for IBM Power System S822 and S822L server in a single rack PowerVC 1 2 3 Standard Edition Power compute node firmware SV840 **Implementing an IBM High-Performance Computing Solution on IBM POWER8** Dino Quintero,Wei Li,Wainer dos Santos Moschetta,Mauricio Faria de Oliveira,Alexander Pozdneev,IBM Redbooks,2015-09-15 This IBM Redbooks publication documents and addresses topics to provide step by step programming concepts to tune the applications to use IBM POWER8 hardware architecture with the technical computing software stack This publication explores tests and documents how to implement an IBM high performance computing HPC solution on POWER8 by using IBM technical innovations to help solve challenging scientific technical and business problems This book demonstrates and documents that the combination of IBM HPC hardware and software solutions delivers significant value to technical computing clients in need of cost effective highly scalable and robust solutions This book targets technical professionals consultants technical support staff IT Architects and IT Specialists who are responsible for delivering cost effective HPC solutions that help uncover insights among clients data so that they can act to optimize business results product development and scientific discoveries *IBM PureFlex System Solutions for Managed Service Providers* Ilya Krutov,IBM Redbooks,2013-02-28 Organizations are looking for ways to get more out of their already strained IT infrastructure as they face new technological and economic pressures They are also trying to satisfy a broad set of users internal and external to the enterprise who demand improvements in their quality of service QoS regardless of increases in the number of users and applications Cloud computing offers attractive opportunities to reduce costs accelerate development and increase the flexibility of the IT infrastructure applications and services Infrastructure as a service IaaS is the typical starting point for most organizations when moving to a cloud computing environment IaaS can be used for the delivery of resources such as compute storage and network services through a self service portal With IaaS IT services are delivered as a subscription service eliminating up front costs and driving down ongoing support costs Businesses can improve their competitive position by moving to these cloud based technologies This IBM RedpaperTM discusses IBM solutions for managed service providers MSPs This paper is for IT professionals who are involved in managed and cloud services solution planning *SONAS Implementation and Best Practices Guide* Mary Lovelace,Jichan Chong,Marcos Figueiredo Jr,Curtis Neal,Gabor Penzes,Naren Rajasingam,Joe Roa,Alexander Saupp,John Sing,Shradha Nayak Thakare,Mladen Vukoje,IBM Redbooks,2012-07-27 IBM Scale Out Network Attached Storage SONAS is a Scale Out NAS offering designed to manage vast

repositories of information in enterprise environments requiring very large capacities high levels of performance and high availability The IBM SONAS appliance provides a range of reliable scalable storage solutions for a variety of storage requirements These capabilities are achieved by using network access protocols such as NFS CIFS HTTPS FTP and SCP Using built in RAID technologies all data is well protected with options to add additional protection through mirroring replication snapshots and backup These storage systems are also characterized by simple management interfaces that make their installation administration and troubleshooting uncomplicated and straightforward This IBM Redbooks publication is the companion to the IBM Redbooks publication SONAS Concepts Architecture and Planning Guide SG24 7963 It is intended for storage administrators who have ordered their SONAS solution and are ready to install customize and use it A quick start scenario takes you through common SONAS administration tasks to familiarize you with the SONAS system through the GUI and CLI Backup and availability scenarios as well as best practices for setting up and troubleshooting hints and tips are included **IBM SmartCloud: Building a Cloud Enabled Data Center** Pietro Iannucci,Manav Gupta,IBM Redbooks,2013-05-21 Organizations are looking for ways to get more out of their already strained IT infrastructure as they face new technological and economic pressures They are also trying to satisfy a broad set of users internal and external to the enterprise who demand improvements in their quality of service QoS regardless of increases in the number of users and applications Cloud computing offers attractive opportunities to reduce costs accelerate development and increase the flexibility of the IT infrastructure applications and services Infrastructure as a service IaaS is the typical starting point for most organizations when moving to a cloud computing environment IaaS can be used for the delivery of resources such as compute storage and network services through a self service portal With IaaS IT services are delivered as a subscription service eliminating up front costs and driving down ongoing support costs IBM has defined the Cloud Computing Reference Architecture CCRA based on years of experience of working with customers who have implemented cloud computing solutions The IBM CCRA is a blueprint or guide for architecting cloud computing implementations This IBM RedguideTM publication highlights the Cloud Enabled Data Center adoption pattern and describes how you can use it to define an IaaS solution This guide is intended for chief technology officers data center architects IT architects and application architects who want to understand the cloud computing infrastructure necessary to support their applications and services by using an IaaS solution It explains the technical and business benefits of a Cloud Enabled Data Center solution It introduces a Cloud Enabled Data Center maturity model where each maturity level corresponds to an increase in the degree of automation and the cloud computing capabilities that are available In addition this guide describes the architectural framework provided by the IBM CCRA and explains details about the Cloud Enabled Data Center adoption pattern *IBM Systems Director 6.3 Best Practices* Rufus Credle,Srikanth Aithal,Nicolas Bour,Stephane Bourdeaud,Tomi Mannikainen,Olaf Menke,Juan P Fernandez Sabate,IBM Redbooks,2013-11-08 This IBM Redbooks publication describes the positioning of the IBM Systems Director in

the complete management range It also compares the IBM Systems Director with the IBM Flex Systems Manager FSM and describes the environments for which each tool is best suited This publication helps you plan install tailor and configure the IBM Systems Director on different platforms It contains information about required system resources and which network ports are used It shows how to use the Workload Estimator to select the appropriate hardware for IBM Systems Director server and provides information about the IBM Systems Director Editions Best practices are covered for the basic management tasks that are available in IBM Systems Director including how to perform discovery how to collect inventory on discovered resources how to deploy agent driver and firmware updates how to manage hardware events and other miscellaneous tasks An overview of best practices is provided for using IBM Systems Director VMControlTM Systems Director VMControl is a cross platform product that assists you in rapidly deploying virtual appliances to create virtual servers that are configured with the operating system and software applications that you want It also enables you to group resources into system pools which enable you to centrally manage and control the different workloads in your environment The following plug in offerings are described Energy monitoring and management features offered by IBM Systems Director Active Energy ManagerTM along with the best practice which needs to be followed in using the IBM Systems Director Active Energy Manager The IBM AIX Profile Manager is a tool that can help implement and monitor the security of all AIX servers in a production environment but also implement and monitor the system compliance of those AIX servers Best practices and the most important questions to ask before creating Workload Partition Manager WPAR and WPAR Manager infrastructure In addition how you can manage and relocate WPARs using WPAR Manager graphical interface and the command line interface Network Control basic functionalities and how to plan for Network Control deployments and also a number of common scenarios with best practices The IBM Systems Director Service and Support Manager describes how to set up and how to handle serviceable events Best practices for the Storage Monitoring and Management capabilities offered by IBM Systems Director server This book is for IBM IT specialists and IT architects IBM Business Partners and clients who are utilizing or considering implementing IBM Systems Director **Security on IBM z/VSE** Helmut Hellner,Ingo Franzki,Antoinette Kaschner,Joerg Schmidbauer,Heiko Schnell,Klaus-Dieter Wacker,IBM Redbooks,2018-06-14 One of a firm s most valuable resources is its data client lists accounting data employee information and so on This critical data must be securely managed and controlled and simultaneously made available to those users authorized to see it The IBM z VSE system features extensive capabilities to simultaneously share the firm s data among multiple users and protect them Threats to this data come from various sources Insider threats and malicious hackers are not only difficult to detect and prevent they might be using resources with the business being unaware This IBM Redbooks publication was written to assist z VSE support and security personnel in providing the enterprise with a safe secure and manageable environment This book provides an overview of the security that is provided by z VSE and the processes for the implementation and configuration of z VSE

security components Basic Security Manager BSM IBM CICS security TCP IP security single sign on using LDAP and connector security

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