

MVS JCL Reference

Ibm Z Os Jcl Manual

**Mike Ebbers,Rama Ayyar,Octavio L.
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Wijaya,IBM Redbooks**

Ibm Z Os Jcl Manual:

IBM z/OS Mainframe Security and Audit Management Using the IBM Security zSecure Suite Axel

Buecker,Michael Cairns,Monique Conway,Mark S. Hahn,Deborah McLemore,Jamie Pease,Lili Xie,IBM Redbooks,2011-08-18 Every organization has a core set of mission critical data that must be protected Security lapses and failures are not simply disruptions they can be catastrophic events and the consequences can be felt across the entire organization As a result security administrators face serious challenges in protecting the company s sensitive data IT staff are challenged to provide detailed audit and controls documentation at a time when they are already facing increasing demands on their time due to events such as mergers reorganizations and other changes Many organizations do not have enough experienced mainframe security administrators to meet these objectives and expanding employee skillsets with low level mainframe security technologies can be time consuming The IBM Security zSecure suite consists of multiple components designed to help you administer your mainframe security server monitor for threats audit usage and configurations and enforce policy compliance Administration provisioning and management components can significantly reduce administration contributing to improved productivity faster response time and reduced training time needed for new administrators This IBM Redbooks publication is a valuable resource for security officers administrators and architects who wish to better understand their mainframe security solutions zOS JCL (Job Control Language) Gary DeWard Brown,2002-10-01 Discusses new features provided by zOS such as improved security support for Intelligent Resource Director and support for a 64 bit real storage Explains how the system configuration in zOS is made easier by a new interface that uses wizards to input desired settings **IBM z/OS V2R2: JES2, JES3, and SDSF** Keith Winnard,Jose Gilberto Biondo,Jaqueline Mouro,Alvaro Salla,Ewerton Waki,IBM Redbooks,2015-12-15 This IBM Redbooks publication helps you to become familiar with the technical changes that were introduced into the JES2 JES3 and SDSF areas with IBM z OS V2R2 This book includes the following chapters Chapter 1 JES2 on page 1 This chapter describes the JES2 updates that are related to z OS V2R2 Chapter 2 JES3 on page 29 This chapter describes the enhancements that are provided in JES3 by z OS V2R Chapter 3 System Display and Search Facility on page 39 This chapter describes the changes in SDSF in z OS V2R2 This book is one of a series of IBM Redbooks that take a modular approach to providing information about the updates that are included with z OS V2R2 This approach has the following goals Provide modular content Group the technical changes into a topic Provide a more streamlined way of finding relevant information that is based on the topic We hope you find this approach useful and we welcome your feedback **ABCs of IBM z/OS System Programming Volume 3** Jose Gilberto Biondo Jr.,IBM Redbooks,2018-01-19 The ABCs of IBM z OS System Programming is a 13 volume collection that provides an introduction to the z OS operating system and the hardware architecture Whether you are a beginner or an experienced system programmer the ABCs collection provides the information that you need to start your research into z OS and related subjects The ABCs collection serves as a powerful technical tool to

help you become more familiar with z OS in your current environment or to help you evaluate platforms to consolidate your e business applications This edition is updated to z OS Version 2 Release 3 The other volumes contain the following content

Volume 1 Introduction to z OS and storage concepts TSO E ISPF JCL SDSF and z OS delivery and installation Volume 2 z OS implementation and daily maintenance defining subsystems IBM Job Entry Subsystem 2 JES2 and JES3 link pack area LPA LNKLST authorized libraries System Modification Program Extended SMP E IBM Language Environment Volume 4 Communication Server TCP IP and IBM VTAM Volume 5 Base and IBM Parallel Sysplex System Logger Resource Recovery Services RRS global resource serialization GRS z OS system operations automatic restart manager ARM IBM Geographically Dispersed Parallel Sysplex™ IBM GDPS Volume 6 Introduction to security IBM RACF Digital certificates and PKI Kerberos cryptography and z990 integrated cryptography zSeries firewall technologies LDAP and Enterprise Identity Mapping EIM Volume 7 Printing in a z OS environment Infoprint Server and Infoprint Central Volume 8 An introduction to z OS problem diagnosis Volume 9 z OS UNIX System Services Volume 10 Introduction to IBM z Architecture the IBM Z platform IBM Z connectivity LPAR concepts HCD and DS Storage Solution Volume 11 Capacity planning performance management WLM IBM RMFTM and SMF Volume 12 WLM Volume 13 JES3 JES3 SDSF

IBM Tivoli Directory Server for z/OS Karan Singh, Corey C Bryant, Jonathan Cottrell, Gillian Gainsford, Saheem Granados, Robert Green, Diane Lia, Nilesh T Patel, John M Walsh, IBM Redbooks, 2011-07-07 This IBM Redbooks publication examines the IBM Tivoli Directory Server for z OS IBM Tivoli Directory Server is a powerful Lightweight Directory Access Protocol LDAP infrastructure that provides a foundation for deploying comprehensive identity management applications and advanced software architectures This publication provides an introduction to the IBM Tivoli Directory Server for z OS that provides a brief summary of its features and an examination of the possible deployment topologies It discusses planning a deployment of IBM Tivoli Directory Server for z OS which includes prerequisites planning considerations and data stores and provides a brief overview of the configuration process Additional chapters provide a detailed discussion of the IBM Tivoli Directory Server for z OS architecture that examines the supported back ends discusses in what scenarios they are best used and provides usage examples for each back end The discussion of schemas breaks down the schema and provides guidance on extending it A broad discussion of authentication authorization and security examines the various access protections bind mechanisms and transport security available with IBM Tivoli Directory Server for z OS This chapter also provides an examination of the new Password Policy feature Basic and advanced replication topologies are also covered A discussion on plug ins provides details on the various types of plug ins the plug in architecture and creating a plug in and provides an example plug in Integration of IBM Tivoli Directory Server for z OS into the IBM Workload Manager environment is also covered This publication also provides detailed information about the configuration of IBM Tivoli Directory Server for z OS It discusses deploying IBM Tivoli Directory Server for z OS on a single system with examples of configuring the available back ends Configuration examples

are also provided for deploying the server in a Sysplex and for both basic and advanced replication topologies Finally it provides guidance on monitoring and debugging IBM Tivoli Directory Server for z OS

DB2 Developer's Guide Craig S. Mullins, 2012-05-01 DB2 Developer's Guide is the field's 1 go to source for on the job information on programming and administering DB2 on IBM z OS mainframes Now three time IBM Information Champion Craig S Mullins has thoroughly updated this classic for DB2 v9 and v10 Mullins fully covers new DB2 innovations including temporal database support hashing universal tablespaces pureXML performance security and governance improvements new data types and much more Using current versions of DB2 for z OS readers will learn how to Build better databases and applications for CICS IMS batch CAF and RRSAP Write proficient code optimized DB2 SQL Implement efficient dynamic and static SQL applications Use binding and rebinding to optimize applications Efficiently create administer and manage DB2 databases and applications Design build and populate efficient DB2 database structures for online batch and data warehousing Improve the performance of DB2 subsystems databases utilities programs and SQL stat DB2 Developer's Guide Sixth Edition builds on the unique approach that has made previous editions so valuable It combines Condensed easy to read coverage of all essential topics information otherwise scattered through dozens of documents Detailed discussions of crucial details within each topic Expert field tested implementation advice Sensible examples

IBM z/OS V1R13 Communications Server TCP/IP Implementation: Volume 2 Standard Applications Mike Ebbers, Rama Ayyar, Octavio L. Ferreira, Yohko Ojima, Gilson Cesar de Oliveira, Mike Riches, Maulide Xavier, IBM Redbooks, 2011-12-27 For more than 40 years IBM mainframes have supported an extraordinary portion of the world's computing work providing centralized corporate databases and mission critical enterprise wide applications The IBM System z the latest generation of the IBM distinguished family of mainframe systems has come a long way from its IBM System 360 heritage Likewise its IBM z OS operating system is far superior to its predecessors providing among many other capabilities world class state of the art support for the TCP IP Internet protocol suite TCP IP is a large and evolving collection of communication protocols managed by the Internet Engineering Task Force IETF an open volunteer organization Because of its openness the TCP IP protocol suite has become the foundation for the set of technologies that form the basis of the Internet The convergence of IBM mainframe capabilities with Internet technology connectivity and standards particularly TCP IP is dramatically changing the face of information technology and driving requirements for ever more secure scalable and highly available mainframe TCP IP implementations The IBM z OS Communications Server TCP IP Implementation series provides understandable step by step guidance about how to enable the most commonly used and important functions of z OS Communications Server TCP IP This IBM Redbooks publication provides useful implementation scenarios and configuration recommendations for many of the TCP IP standard applications that z OS Communications Server supports For more specific information about z OS Communications Server standard applications high availability and security see the other volumes in the series IBM z OS V1R13 Communications Server TCP IP Implementation Volume 1 Base

Functions Connectivity and Routing SG24 7996 IBM z OS V1R13 Communications Server TCP IP Implementation Volume 3 High Availability Scalability and Performance SG24 7998 IBM z OS V1R13 Communications Server TCP IP Implementation Volume 4 Security and Policy Based Networking SG24 7999 For comprehensive descriptions of the individual parameters for setting up and using the functions that we describe in this book along with step by step checklists and supporting examples see the following publications z OS Communications Server IP Configuration Guide SC31 8775 z OS Communications Server IP Configuration Reference SC31 8776 z OS Communications Server IP User s Guide and Commands SC31 8780 This book does not duplicate the information in those publications Instead it complements them with practical implementation scenarios that can be useful in your environment To determine at what level a specific function was introduced see z OS Communications Server New Function Summary GC31 8771 For complete details we encourage you to review the documents that are listed in the additional resources section at the end of each chapter

IBM z/OS V1R12 Communications Server TCP/IP Implementation: Volume 3 High Availability, Scalability, and Performance Mike Ebberts,Rama Ayyar,Octavio L. Ferreira,Gazi Karakus,Yukihiko Miyamoto,Joel Porterie,Andi Wijaya,IBM Redbooks,2011-05-04 For more than 40 years IBM mainframes have supported an extraordinary portion of the world s computing work providing centralized corporate databases and mission critical enterprise wide applications The IBM System z the latest generation of the IBM distinguished family of mainframe systems has come a long way from its IBM System 360 heritage Likewise its IBM z OS operating system is far superior to its predecessors providing among many other capabilities world class state of the art support for the TCP IP Internet protocol suite TCP IP is a large and evolving collection of communication protocols managed by the Internet Engineering Task Force IETF an open volunteer organization Because of its openness the TCP IP protocol suite has become the foundation for the set of technologies that form the basis of the Internet The convergence of IBM mainframe capabilities with Internet technology connectivity and standards particularly TCP IP is dramatically changing the face of information technology and driving requirements for ever more secure scalable and highly available mainframe TCP IP implementations In this IBM Redbooks publication we begin with a discussion of Virtual IP Addressing VIPA a TCP IP high availability approach that was introduced by the z OS Communications Server We then show how to use VIPA for high availability both with and without a dynamic routing protocol We also discuss a number of different workload balancing approaches that you can use with the z OS Communications Server We also explain the optimized Sysplex Distributor intra sysplex load balancing This function represents improved multitier application support using optimized local connections together with weight values from extended Workload Manager WLM interfaces Finally we highlight the most important tuning parameters and suggest parameter values that we observed to maximize performance in many client installations

IBM z/OS V2.1 DFSMS Technical Update Mary Lovelace,Jose Dovidauskas,Anthony Fletcher,Gert Laumann,Norbert Schlumberger,IBM Redbooks,2014-09-15 Each release of IBM z OS 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 integrated into z OS V2.1 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 This book is 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 z/OS V2R1 Communications Server TCP/IP Implementation Volume 1: Base Functions, Connectivity, and Routing** Rufus P. Credle Jr.,Uma Maheswari Kumaraguru,Gilson Cesar de Oliveira,Micky Reichenberg,Georg Senfleben,Rutsakon Techo,Maulide Xavier,IBM Redbooks,2015-05-04 For more than 40 years IBM mainframes have supported an extraordinary portion of the world's computing work providing centralized corporate databases and mission critical enterprise wide applications IBM System z the latest generation of the IBM distinguished family of mainframe systems has come a long way from its IBM System 360 heritage Likewise its IBM z OS operating system is far superior to its predecessors in providing among many other capabilities world class state of the art support for the TCP/IP Internet protocol suite TCP/IP is a large and evolving collection of communication protocols managed by the Internet Engineering Task Force IETF an open volunteer organization Because of its openness the TCP/IP protocol suite has become the foundation for the set of technologies that form the basis of the Internet The convergence of IBM mainframe capabilities with Internet technology connectivity and standards particularly TCP/IP is dramatically changing the face of information technology and driving requirements for even more secure scalable and highly available mainframe TCP/IP implementations The IBM z OS Communications Server TCP/IP Implementation series provides understandable step by step guidance for enabling the most commonly used and important functions of z OS Communications Server TCP/IP This IBM Redbooks publication is for people who install and support z OS Communications Server It introduces z OS Communications Server TCP/IP describes the system resolver showing implementation of global and local settings for single and multi stack environments It presents implementation scenarios for TCP/IP base functions connectivity routing virtual MAC support and sysplex subplexing **DB2 for z/OS Version 8 DBA Certification Guide** Susan Lawson,2004-10-28 A practical guide to DB2 z OS database administration that is 100 percent focused on running DB2 in z OS environments The only comprehensive preparation guide for the IBM Certified Database Administrator for DB2 Universal Database V8 z OS certification Covers database planning design implementation operation recovery security performance installation migration and more Sample test questions help you prepare for both IBM DB2 DBA Tests 700 and 702 IBM DB2 Universal Database Version 8 for z OS offers enterprises unprecedented opportunities to integrate information deliver it on demand and manage it simply and cost effectively Now one of the world's leading DB2 consultants presents the definitive guide to administering DB2 UDB V8 databases in z OS environments DB2 for z OS Version

8 DBA Certification Guide also serves as a key tool for anyone preparing for IBM Certified Database Administrator for DB2 Universal Database V8 for z OS certification IBM Gold Consultant Susan Lawson presents hundreds of practical techniques expert guidelines and useful tips for every facet of DB2 UDB database administration including database implementation operation recovery security auditing performance installation migration SQL and more Coverage includes Understanding the DB2 product family architecture attachments and the DB2 z OS environment Securing enterprise class DB2 installations and applications Using SQL to create and manage database objects and manipulate and retrieve information Mastering key DBA tasks including loading reorganizing quiescing repairing and recovering data recovering and rebuilding indexes and gathering statistics Implementing data sharing in Parallel Sysplex environments Learning the fundamentals of DB2 application development from the DBA s perspective Leveraging advanced DB2 functions including stored procedures and other object relational extensions Optimizing DB2 applications and the DB2 engine for maximum performance Whether you are administering DB2 UDB V8 in z OS environments planning to do so or preparing for DB2 UDB V8 DBA certification DB2 for z OS Version 8 DBA Certification Guide will be your single most valuable resource IBM z/OS V2R2: Storage Management and Utilities Keith Winnard,Natalia Barros,Jose Gilberto Biondo Jr,Jaqueline Mourao,Alvaro Salla,Ewerton Waki,IBM Redbooks,2015-12-17 This IBM Redbooks publication helps you to become familiar with the technical changes that were introduced into the Storage Management and Utilities areas with IBM z OS V2R2 This book is one of a series of IBM Redbooks that take a modular approach to providing information about the updates that are included with z OS V2R2 This approach has the following goals Provide modular content Group the technical changes into a topic Provide a more streamlined way of finding relevant information that is based on the topic We hope you find this approach useful and we welcome your feedback *Creating IBM z/OS Cloud Services* Jeffrey Bisti, Frank De Gilio, Randy Frerking, Rich Jackson, Charlie Lawrence, Kellie Mathis, IBM Redbooks, 2016-02-08 This IBM Redbooks publication discusses the real world experience of an enterprise that developed and implemented IBM z OS cloud services This book shares the experience of a team at Walmart Technology Walmart Stores Inc and some of the decisions they made to create business critical cloud services These experiences and approaches relate to the z OS platform and might not apply to other hybrid cloud approaches This book highlights the strengths and characteristics of z OS that led the Walmart infrastructure and software engineers to use this platform as they transitioned from a traditional IT deployment to a cloud model Embarking on a cloud strategy can be overwhelming No shortage of approaches to cloud computing exists This book focuses on a pragmatic approach for enterprises that are struggling to take advantage of their business assets in the cloud This book introduces the basic cloud concepts as defined by the National Institute of Standards and Technology NIST Each chapter explains the importance of a particular NIST characteristic the z OS role in accomplishing the characteristic and how it was implemented by the Walmart Technology team This book is intended for IT professionals who are considering extending their IBM z Systems™

environment to a hybrid cloud by unleashing the power of cloud services on z OS For information about creating cloud services that are hosted in IBM CICS see How Walmart Became a Cloud Services Provider with IBM CICS SG24 8347

IBM z/OS V2R1 Communications Server TCP/IP Implementation Volume 3: High Availability, Scalability, and Performance Rufus P. Credle Jr., Uma Maheswari Kumaraguru, Gilson Cesar de Oliveira, Micky Reichenberg, Georg Senfleben, Rutsakon Techo, Maulide Xavier, IBM Redbooks, 2017-04-07 For more than 40 years IBM mainframes have supported an extraordinary portion of the world's computing work providing centralized corporate databases and mission critical enterprise wide applications IBM System z the latest generation of the IBM distinguished family of mainframe systems has come a long way from its IBM System 360 heritage Likewise its IBM z OS operating system is far superior to its predecessors in providing among many other capabilities world class and state of the art support for the TCP IP Internet protocol suite TCP IP is a large and evolving collection of communication protocols managed by the Internet Engineering Task Force IETF an open volunteer organization Because of its openness the TCP IP protocol suite has become the foundation for the set of technologies that form the basis of the Internet The convergence of IBM mainframe capabilities with Internet technology connectivity and standards particularly TCP IP is dramatically changing information technology and driving requirements for even more secure scalable and highly available mainframe TCP IP implementations The IBM z OS Communications Server TCP IP Implementation series provides understandable step by step guidance for enabling the most commonly used and important functions of z OS Communications Server TCP IP This IBM Redbooks publication is for people who install and support z OS Communications Server It starts by describing virtual IP addressing VIPA for high availability with and without a dynamic routing protocol It describes several workload balancing approaches with the z OS Communications Server It also explains optimized sysplex distributor intra sysplex load balancing This function represents improved application support using optimized local connections together with weight values from extended Workload Manager WLM interfaces Finally this book highlights important tuning parameters and suggests parameter values to maximize performance in many client installations

IBM z/OS V2R2 Communications Server TCP/IP Implementation: Volume 3 High Availability, Scalability, and Performance Bill White, Octavio Ferreira, Teresa Missawa, Teddy Sudewo, IBM Redbooks, 2017-04-07 For more than 50 years IBM mainframes have supported an extraordinary portion of the world's computing work providing centralized corporate databases and mission critical enterprise wide applications IBM z Systems™ platform the latest generation of the IBM distinguished family of mainframe systems has come a long way from its IBM System 360 heritage Likewise its IBM z OS operating system is far superior to its predecessors in providing among many other capabilities world class and state of the art support for the TCP IP protocol suite TCP IP is a large and evolving collection of communication protocols managed by the Internet Engineering Task Force IETF an open volunteer organization Because of its openness the TCP IP protocol suite has become the foundation for the set of technologies that form the basis of

the Internet The convergence of IBM mainframe capabilities with Internet technology connectivity and standards particularly TCP IP is dramatically changing the face of information technology and driving requirements for even more secure scalable and highly available mainframe TCP IP implementations The IBM z OS Communications Server TCP IP Implementation series provides understandable step by step guidance for enabling the most commonly used and important functions of z OS Communications Server TCP IP This IBM Redbooks publication is for people who install and support z OS Communications Server It starts with a discussion of virtual IP addressing VIPA for high availability with and without a dynamic routing protocol It describes several workload balancing approaches with the z OS Communications Server It also explains optimized sysplex distributor intra sysplex load balancing This function represents improved application support using optimized local connections together with weight values from extended Workload Manager WLM interfaces Finally this book highlights important tuning parameters and suggests parameter values to maximize performance in many client installations **IBM**

z/OS V1R13 Communications Server TCP/IP Implementation: Volume 3 High Availability, Scalability, and Performance Mike Ebbers,Rama Ayyar,Octavio L. Ferreira,Yohko Ojima,Gilson Cesar de Oliveira,Mike Riches,Maulide Xavier,IBM Redbooks,2014-01-27 For more than 40 years IBM mainframes have supported an extraordinary portion of the world s computing work providing centralized corporate databases and mission critical enterprise wide applications The IBM System z the latest generation of the IBM distinguished family of mainframe systems has come a long way from its IBM System 360 heritage Likewise its IBM z OS operating system is far superior to its predecessors in providing among many other capabilities world class and state of the art support for the TCP IP Internet protocol suite TCP IP is a large and evolving collection of communication protocols managed by the Internet Engineering Task Force IETF an open volunteer organization Because of its openness the TCP IP protocol suite has become the foundation for the set of technologies that form the basis of the Internet The convergence of IBM mainframe capabilities with Internet technology connectivity and standards particularly TCP IP is dramatically changing the face of information technology and driving requirements for even more secure scalable and highly available mainframe TCP IP implementations The IBM z OS Communications Server TCP IP Implementation series provides understandable step by step guidance about how to enable the most commonly used and important functions of z OS Communications Server TCP IP This IBM Redbooks publication is for people who install and support z OS Communications Server It starts with a discussion of virtual IP addressing VIPA for high availability with and without a dynamic routing protocol It describes several workload balancing approaches with the z OS Communications Server It also explains optimized Sysplex Distributor intra sysplex load balancing This function represents improved application support using optimized local connections together with weight values from extended Workload Manager WLM interfaces Finally this book highlights important tuning parameters and suggests parameter values to maximize performance in many client installations

Turning Data into Insight with IBM Machine Learning for z/OS Samantha Buhler,Guanjun Cai,John

Goodyear,Edrian Irizarry,Nora Kissari,Zhuo Ling,Nicholas Marion,Aleksandr Petrov,Junfei Shen,Wanting Wang,He Sheng Yang,Dai Yi,Xavier Yuen,Hao Zhang,IBM Redbooks,2018-09-11 The exponential growth in data over the last decade coupled with a drastic drop in cost of storage has enabled organizations to amass a large amount of data This vast data becomes the new natural resource that these organizations must tap in to innovate and stay ahead of the competition and they must do so in a secure environment that protects the data throughout its lifecycle and data access in real time at any time When it comes to security nothing can rival IBM Z the multi workload transactional platform that powers the core business processes of the majority of the Fortune 500 enterprises with unmatched security availability reliability and scalability With core transactions and data originating on IBM Z it simply makes sense for analytics to exist and run on the same platform For years some businesses chose to move their sensitive data off IBM Z to platforms that include data lakes Hadoop and warehouses for analytics processing However the massive growth of digital data the punishing cost of security exposures as well as the unprecedented demand for instant actionable intelligence from data in real time have convinced them to rethink that decision and instead embrace the strategy of data gravity for analytics At the core of data gravity is the conviction that analytics must exist and run where the data resides An IBM client eloquently compares this change in analytics strategy to a shift from moving the ocean to the boat to moving the boat to the ocean where the boat is the analytics and the ocean is the data IBM respects and invests heavily on data gravity because it recognizes the tremendous benefits that data gravity can deliver to you including reduced cost and minimized security risks IBM Machine Learning for z OS is one of the offerings that decidedly move analytics to Z where your mission critical data resides In the inherently secure Z environment your machine learning scoring services can co exist with your transactional applications and data supporting high throughput and minimizing response time while delivering consistent service level agreements SLAs This book introduces Machine Learning for z OS version 1.1.0 and describes its unique value proposition It provides step by step guidance for you to get started with the program including best practices for capacity planning installation and configuration administration and operation Through a retail example the book shows how you can use the versatile and intuitive web user interface to quickly train build evaluate and deploy a model Most importantly it examines use cases across industries to illustrate how you can easily turn your massive data into valuable insights with Machine Learning for z OS

Modernize Your IBM DB2 for IBM z/OS Maintenance with Utility Autonomics Dean Brown,Carlos Gomes,Arthur Marais,Hennie Mynhardt,IBM Redbooks,2015-08-20 IBM DB2 for IBM z OS helps lower the cost of managing data by automating administration increasing storage efficiency improving performance and simplifying the deployment of virtual appliances By automating tasks such as memory allocation storage management and business policy maintenance DB2 is able to perform many management tasks itself freeing up Database Administrators to focus on new projects This IBM Redbooks publication introduces autonomics for DB2 for z OS IBM provides several different components that when combined can create an autonomic database environment All these

respective components cover certain aspects of autonomies which can collaborate into one coherent solution In our evolution of autonomies and the need to move to smarter systems there has been a bigger drive to the concept of Active versus Passive autonomies With the inclusion of the IBM Management Console for IMSTM and DB2 for z OS and the Autonomics Director it is now easier than ever to make that transition by leveraging the strength of the DB2 Utilities Solution Pack for z OS all in one standardized and centralized interface This publication guides you through the business reasons for adopting autonomic solutions and provides step by step guidance to implement these capabilities in your DB2 for z OS configuration This publication is of interest primarily to DB2 Database Administrators and DB2 Systems Programmers and for anyone looking to understand the benefits of DB2 autonomic solutions *A Guide to JES3 to JES2 Migration* Lydia Parziale,Luiz Fadel,Lutz Kuehner,Ricardo Paranhos,IBM Redbooks,2019-11-06 This IBM Redbooks publication provides information to help clients that have JES3 and want to migrate to JES2 It provides a comprehensive list of the differences between the two job entry subsystems and provides information to help you determine the migration effort and actions This book considers the features of JES2 as available on releases of IBM z OS V2R3 and V2R4 It should be used with JES3 to JES2 Migration Considerations SG24 8083 This publication is divided into three parts Part 1 Planning to migrate from JES3 to JES2 on page 1 gives you information to make the decision and plan your migration Part 2 Use case study on page 111 provides a Use Case Study that is based on an actual customer experience in a successful migration Part 3 Appendixes on page 193 provides an appendix with sample tools that can help the migration process and exploitation of some of the new JES2 functions This book is aimed at operations personnel system programmers and application developers Extending z/OS System Management Functions with IBM zAware Frank Kyne,Karan Singh,Karla Arndt,Stephen Barton,Mark Noonan,Ryotaro Sawada,IBM Redbooks,2013-08-01 This IBM Redbooks publication explains the capabilities of the IBM System z Advanced Workload Analysis Reporter IBM zAware and shows how you can use it as an integral part of your existing System z management tools IBM zAware is an integrated self learning analytics solution for IBM z OS that helps identify unusual system behavior in near real time It is designed to help IT personnel improve problem determination so they can restore service quickly and improve overall availability The book gives you a conceptual description of the IBM zAware appliance It will help you to understand how it fits into the family of IBM mainframe system management tools that include Runtime Diagnostics Predictive Failure Analysis PFA IBM Health Checker for z OS and z OS Management Facility z OSMF You are provided with the information you need to get IBM zAware up and running so you can start to benefit from its capabilities immediately You will learn how to manage an IBM zAware environment and see how other products can use the IBM zAware Application Programming Interface to extract information from IBM zAware for their own use The target audience includes system programmers system operators configuration planners and system automation analysts

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