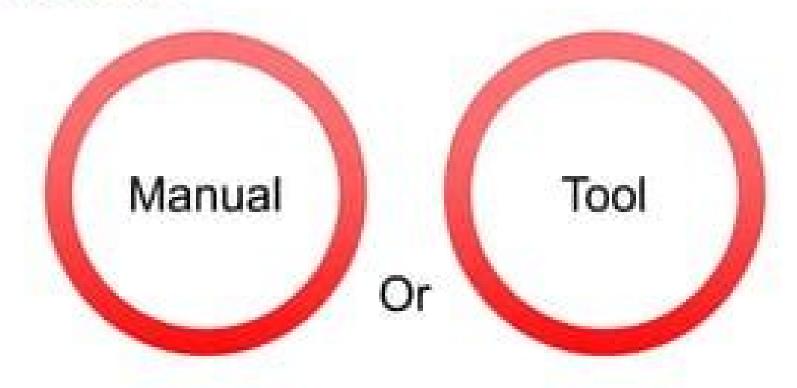
# Two Options



- Explain
- DB2 Commands
- RTS

- Data Studio
- Omegamon Family
- Other DB2 Tools such as Query Monitor, Query <u>Tuner</u>

# **Ibm Tivoli Omegamon Manuals**

Sangam Racherla, Vikas Bajaj, Emile Knebel, Glenn Korn, Anna Kutepova, Gary Newell, Sebastian Szumczyk, IBM Redbooks

#### **Ibm Tivoli Omegamon Manuals:**

IBM Information Infrastructure Solutions Handbook Sangam Racherla, Vikas Bajaj, Emile Knebel, Glenn Korn, Anna Kutepova, Gary Newell, Sebastian Szumczyk, IBM Redbooks, 2010-07-11 An information infrastructure is comprised of software servers storage and networks integrated and optimized to deliver timely secure and trusted information throughout the organization and to its clients and partners With the explosive growth in data and information coupled with demands for projects with rapid ROI IT infrastructures and storage administrators are reaching a breaking point IBM can help with the changes needed to manage information availability security and regulatory and compliance requirements on a tighter budget And because the health of any business often depends on its ability to take advantage of information in real time a sound intelligent information infrastructure becomes critical to supporting new growth initiatives IBM offers an innovative approach to help you manage information growth more effectively and mitigate risks with a dynamic infrastructure that efficiently and securely stores and protects information and optimizes information access You can control protect manage and gain new intelligence from your information with the IBM leading edge Information Infrastructure products services and integrated solutions supported by world class expertise and access to top experts from around the world This IBM Redbooks publication provides an overview of the IBM Information Infrastructure solutions that are designed to help you manage the information explosion and address challenges of information compliance availability retention and security This will lead your company toward improved productivity service delivery and reduced risk while streamlining costs IBM z13 Technical Guide Octavian Lascu, Edzard Hoogerbrug, Cecilia A De Leon, Ewerson Palacio, Franco Pinto, Barbara Sannerud, Martin Soellig, John Troy, Jin Yang, IBM Redbooks, 2016-11-11 Digital business has been driving the transformation of underlying IT infrastructure to be more efficient secure adaptive and integrated Information Technology IT must be able to handle the explosive growth of mobile clients and employees IT also must be able to use enormous amounts of data to provide deep and real time insights to help achieve the greatest business impact This IBM Redbooks publication addresses the IBM Mainframe the IBM z13TM The IBM z13 is the trusted enterprise platform for integrating data transactions and insight 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 needs to be an integrated infrastructure that can support new applications It needs to have integrated capabilities that can provide new mobile capabilities with real time analytics delivered by a secure cloud infrastructure IBM z13 is designed with improved scalability performance security resiliency availability and virtualization The superscalar design allows the z13 to deliver a record level of capacity over the prior IBM z SystemsTM In its maximum configuration z13 is powered by up to 141 client characterizable microprocessors cores running at 5 GHz This configuration can run more than 110 000 millions of instructions per second MIPS and up to 10 TB of client memory The IBM z13 Model NE1 is estimated to provide up to 40% more total system capacity than the IBM zEnterprise EC12 zEC1 Model HA1 This book provides

information about the IBM z13 and its functions features and associated software support Greater detail is offered in areas relevant to technical planning It is intended for systems engineers consultants planners and anyone who wants to understand the IBM z Systems functions and plan for their usage It is not intended as an introduction to mainframes Readers are expected to be generally familiar with existing IBM z Systems technology and terminology **Enterprise Java Monitoring** on z/OS with OMEGAMON: A Practical Guide to Managing JVM Performance on z/OS Christopher Walker, Nigel Williams, IBM Redbooks, 2017-02-23 This IBM RedpaperTM publication will help you install tailor and configure IBM OMEGAMON for JVM on IBM z OS You can use OMEGAMON to recognize and resolve problems in monitoring Java resources on z OS including within IBM CICS IBM IMSTM and z OS Connect EE regions A discussion on the growth of Java on z OS is provided and explanation on the reasons why monitoring Java resources is critical to any modern z OS environment z13s Technical Guide Octavian Lascu, Barbara Sannerud, Cecilia A. De Leon, Edzard Hoogerbrug, Ewerson Palacio, Franco Pinto, Jin J. Yang, John P. Troy, Martin Soellig, IBM Redbooks, 2016-11-10 Digital business has been driving the transformation of underlying information technology IT infrastructure to be more efficient secure adaptive and integrated IT must be able to handle the explosive growth of mobile clients and employees It also must be able to process enormous amounts of data to provide deep and real time insights to help achieve the greatest business impact This IBM Redbooks publication addresses the new IBM z SystemsTM single frame the IBM z13s server IBM z Systems servers are the trusted enterprise platform for integrating data transactions and insight 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 needs to be an integrated infrastructure that can support new applications It also needs to have integrated capabilities that can provide new mobile capabilities with real time analytics delivered by a secure cloud infrastructure IBM z13s servers are designed with improved scalability performance security resiliency availability and virtualization The superscalar design allows z13s servers to deliver a record level of capacity over the prior single frame z Systems server In its maximum configuration the z13s server is powered by up to 20 client characterizable microprocessors cores running at 4 3 GHz This configuration can run more than 18 000 millions of instructions per second MIPS and up to 4 TB of client memory The IBM z13s Model N20 is estimated to provide up to 100% more total system capacity than the IBM zEnterprise BC12 Model H13 This book provides information about the IBM z13s server and its functions features and associated software support Greater detail is offered in areas relevant to technical planning It is intended for systems engineers consultants planners and anyone who wants to understand the IBM z SystemsTM functions and plan for their usage It is not intended as an introduction to mainframes Readers are expected to be generally familiar with existing IBM z Systems technology and terminology **Architect's Guide to IBM CICS on System** z Phil Wakelin, Ahmed Farrag, Steve Hobson, Manuel Jaen, Tommy Joergensen, Thiago Rotta, IBM Redbooks, 2012-11-20 IBM CICS Transaction Server CICS TS has been available in various guises for over 40 years and continues to be one of the most

widely used pieces of commercial software This IBM Redbooks publication helps application architects discover the value of CICS Transaction Server to their business This book can help architects understand the value and capabilities of CICS Transaction Server and the CICS tools portfolio The book also provides detailed guidance on the leading practices for designing and integrating CICS applications within an enterprise and the patterns and techniques you can use to create CICS systems that provide the qualities of service that your business requires Temenos on IBM LinuxONE Best Practices Guide Deana Coble, Vic Cross, Ernest Horn, Colin Page, Jonathan Page, Robert Schulz, John Smith, Chris Vogan, IBM Redbooks, 2020-02-11 The world's most successful banks run on IBM and increasingly IBM LinuxONE Temenos the global leader in banking software has worked alongside IBM for many years on banking deployments of all sizes This book marks an important milestone in that partnership Temenos on IBM LinuxONE Best Practices Guide shows financial organizations how they can combine the power and flexibility of the Temenos solution with the IBM platform that is purpose built for the digital revolution IBM Content Manager OnDemand Guide Zhu Wei-Dong, Jim Ilardi, Deborah Matamoros, Trina D Morgans, Paula Muir, Hassan A Shazly, Edward E Stonesifer, Vanessa T Stonesifer, Sebastian Welter, IBM Redbooks, 2016-05-04 This IBM Redbooks publication provides a practical guide to the design installation configuration and maintenance of IBM Content Manager OnDemand Version 9 5 Content Manager OnDemand manages the high volume storage and retrieval of electronic statements and provides efficient enterprise report management Content Manager OnDemand transforms formatted computer output and printed reports such as statements and invoices into electronic information for easy report management Content Manager OnDemand helps eliminate costly high volume print output by capturing indexing archiving and presenting electronic information for improved customer service This publication covers the key areas of Content Manager OnDemand some of which might not be known to the Content Manager OnDemand community or are misunderstood The book covers various topics including basic information in administration database structure storage management and security In addition the book covers data indexing loading conversion and expiration Other topics include user exits performance retention management records management and many more Because many other resources are available that address subjects on different platforms this publication is not intended as a comprehensive guide for Content Manager OnDemand Rather it is intended to complement the existing Content Manager OnDemand documentation and provide insight into the issues that might be encountered in the setup and use of Content Manager OnDemand This book is intended for individuals who need to design install configure and maintain Content Manager OnDemand The Complete Guide to CICS Transaction Gateway Volume 1 Configuration and Administration Rufus Credle, Sue Bayliss, Leigh Compton, Robert Jones, Manuela Mandelli, Richard Mercadante, IBM Redbooks, 2014-08-08 In this IBM Redbooks publication you will gain an appreciation of the IBM CICS Transaction Gateway CICS TG product suite based on key criteria such as capabilities scalability platform CICS server support application language support and licensing model Matching the requirements to available infrastructure

and hardware choices requires an appreciation of the choices available In this book you will gain an understanding of those choices and will be capable of choosing the appropriate CICS connection protocol APIs for the applications and security options You will understand the services available to the application developer when using a chosen protocol You will then learn about how to implement CICS TG solutions taking advantage of the latest capabilities such as IPIC connectivity high availability and Dynamic Server Selection Specific scenarios illustrate the usage of CICS TG for IBM z OS and CICS TG for Multiplatforms with CICS Transaction Server for z OS and IBM WebSphere Application Server including connections in CICS configuring simple end to end connectivity all platforms with verification for remote and local mode applications and adding security XA support and high availability DB2 for z/OS and WebSphere Integration for Enterprise Java Applications Paolo Bruni, Zhen Hua Dong, Josef Klitsch, Maggie Lin, Rajesh Ramachandran, Bart Steegmans, Andreas Thiele, IBM Redbooks, 2013-08-07 IBM DB2 for z OS is a high performance database management system DBMS with a strong reputation in traditional high volume transaction workloads that are based on relational technology IBM WebSphere Application Server is web application server software that runs on most platforms with a web server and is used to deploy integrate execute and manage Java Platform Enterprise Edition applications In this IBM Redbooks publication we describe the application architecture evolution focusing on the value of having DB2 for z OS as the data server and IBM z OS as the platform for traditional and for modern applications This book provides background technical information about DB2 and WebSphere features and demonstrates their applicability presenting a scenario about configuring WebSphere Version 8 5 on z OS and type 2 and type 4 connectivity including the XA transaction support for accessing a DB2 for z OS database server taking into account high availability requirements We also provide considerations about developing applications monitoring performance and documenting issues DB2 database administrators WebSphere specialists and Java application developers will appreciate IBM z/OS V1R12 Communications Server TCP/IP Implementation: Volume the holistic approach of this document 3 High Availability, Scalability, and Performance Mike Ebbers, 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 **OSA-Express Implementation** Guide Mike Ebbers, Wonjin Chung, Dody Kurniadi, Joselito Manoto, IBM Redbooks, 2014-06-04 This IBM Redbooks publication will help you to install tailor and configure the Open Systems Adapter OSA features that are available on IBM zEnterprise servers It focuses on the hardware installation and the software definitions that are necessary to provide connectivity to LAN environments This information will help you with planning and system setup This book also includes helpful utilities and commands for monitoring and managing the OSA features This information will be helpful to systems engineers network administrators and system programmers who plan for and install OSA features The reader is expected to have a good understanding of IBM System z hardware Hardware Configuration Definition HCD or the input output configuration program IOCP Open Systems Adapter Support Facility OSA SF Systems Network Architecture Advanced Peer to Peer Networking SNA APPN and TCP IP protocol Optimizing DB2 Queries with IBM DB2 Analytics Accelerator for z/OS Paolo Bruni, Patric Becker, Willie Favero, Ravikumar Kalyanasundaram, Andrew Keenan, Steffen Knoll, Nin Lei, Cristian Molaro, PS Prem,IBM Redbooks,2012-12-20 The IBM DB2 Analytics Accelerator Version 2 1 for IBM z OS also called DB2 Analytics Accelerator or Query Accelerator in this book and in DB2 for z OS documentation is a marriage of the IBM System z Quality of Service and Netezza technology to accelerate complex queries in a DB2 for z OS highly secure and available environment Superior performance and scalability with rapid appliance deployment provide an ideal solution for complex analysis This IBM Redbooks publication provides technical decision makers with a broad understanding of the IBM DB2 Analytics Accelerator architecture and its exploitation by documenting the steps for the installation of this solution in an existing DB2 10 for z OS environment In this book we define a business analytics scenario evaluate the potential benefits of the DB2 Analytics Accelerator appliance describe the installation and integration steps with the DB2 environment evaluate performance and show the advantages to existing business intelligence processes **IMS 12 Selected Performance** Topics Paolo Bruni, Rafael Avigad, James Martin, Maiko Mizuki, Bhups Narsi, John Schlatweiler, IBM Redbooks, 2013-01-08 IBM Information Management System IMSTM provides leadership in performance reliability and security to help you implement the most strategic and critical enterprise applications IMS IMS utilities and IMS tools continue to evolve to provide value and

meet the needs of enterprise customers With IMS 12 integration and open access improvements provide flexibility and support business growth requirements Scalability improvements have been made to the well known performance efficiency availability and resilience of IMS by using 64 bit storage In this IBM Redbooks publication we provide IMS performance monitoring and tuning information by describing the key IMS performance functions and by showing how to monitor and tune them with traditional and new strategic applications. This book is for database administrators and system programmers We summarize methods and tools for monitoring and tuning IMS systems describe IMS system wide performance database and transaction considerations Based on lab measurements we provide information about recent performance enhancements that are available with IMS 12 and advice about setting performance related parameters DB2 10 for z/OS Performance Topics Paolo Bruni, Felipe Bortoletto, Ravikumar Kalyanasundaram, Glenn McGeoch, Roger Miller, Cristian Molaro, Yasuhiro Ohmori, Michael Parbs, IBM Redbooks, 2013-08-23 DB2 10 for z OS can reduce the total DB2 CPU demand from 5 20% compared to DB2 9 when you take advantage of all the enhancements Many CPU reductions are built in directly to DB2 requiring no application changes Some enhancements are implemented through normal DB2 activities through rebinding restructuring database definitions improving applications and utility processing The CPU demand reduction features have the potential to provide significant total cost of ownership savings based on the application mix and transaction types Improvements in optimization reduce costs by processing SQL automatically with more efficient data access paths Improvements through a range list index scan access method list prefetch for IN list more parallelism for select and index insert processing better work file usage better record identifier RID pool overflow management improved sequential detection faster log I O access path certainty evaluation for static SQL and improved distributed data facility DDF transaction flow all provide more efficiency without changes to applications These enhancements can reduce total CPU enterprise costs because of improved efficiency in the DB2 10 for z OS DB2 10 includes numerous performance enhancements for Large Objects LOBs that save disk space for small LOBs and that provide dramatically better performance for LOB retrieval inserts load and import export using DB2 utilities DB210 can also more effectively REORG partitions that contain LOBs This IBM Redbooks publication provides an overview of the performance impact of DB2 10 for z OS discussing the overall performance and possible impacts when moving from version to version We include performance measurements that were made in the laboratory and provide some estimates Keep in mind that your results are likely to vary as the conditions and work will differ In this book we assume that you are somewhat familiar with DB2 10 for z OS See DB2 10 for z OS Technical Overview SG24 7892 00 for an introduction to the new functions IBM zEnterprise EC12 Technical Guide Octavian Lascu, Ivan Dobos, Wolfgang Fries, Hua Bin Chu, Luiz Fadel, Martijn Raave, Fernando Nogal, Frank Packheiser, Vicente Ranieri, Ewerson Palacio, Andre Spahni, Chen Zhu, Parwez Hamid, IBM Redbooks, 2015-03-04 The popularity of the Internet and the affordability of IT hardware and software have resulted in an explosion of applications architectures and platforms Workloads have

changed Many applications including mission critical ones are deployed on various platforms and the IBM System z design has adapted to this change It takes into account a wide range of factors including compatibility and investment protection to match the IT requirements of an enterprise This IBM Redbooks publication addresses the new IBM zEnterprise System This system consists of the IBM zEnterprise EC12 zEC12 an updated IBM zEnterprise Unified Resource Manager and the IBM zEnterprise BladeCenter Extension zBX Model 003 The zEC12 is designed with improved scalability performance security resiliency availability and virtualization The superscalar design allows the zEC12 to deliver a record level of capacity over the prior System z servers It is powered by 120 of the world's most powerful microprocessors. These microprocessors run at 5.5 GHz and are capable of running more than 75 000 millions of instructions per second MIPS The zEC12 Model HA1 is estimated to provide up to 50% more total system capacity than the IBM zEnterprise 196 z196 Model M80 The zBX Model 003 infrastructure works with the zEC12 to enhance System z virtualization and management It does so through an integrated hardware platform that spans mainframe IBM POWER7 and IBM System x technologies Through the Unified Resource Manager the zEnterprise System is managed as a single pool of resources integrating system and workload management across the environment This book provides information about the zEnterprise System and its functions features and associated software support Greater detail is offered in areas relevant to technical planning It is intended for systems engineers consultants planners and anyone who wants to understand the zEnterprise System functions and plan for their usage It is not intended as an introduction to mainframes Readers are expected to be generally familiar with existing IBM System z technology and terminology 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 zEnterprise BC12 Technical Guide Octavian Lascu, Hua Bin Chu, Ivan Dobos, Luiz Fadel, Wolfgang Fries, Parwez Hamid, Fernando E Nogal, Frank Packheiser, Ewerson Palacio, Martijn Raave, Vicente Ranieri Jr., Andre Spahni, Chen Zhu, IBM Redbooks, 2015-03-03 The popularity of the Internet and the affordability of information technology IT hardware and software have resulted in an explosion dramatic increase in the number of applications architectures and platforms Workloads have changed Many applications including mission critical ones are deployed on a variety of platforms and the IBM System z design has adapted to this change It takes into account a wide range of factors including compatibility and investment protection to match the IT requirements of an enterprise This IBM Redbooks publication provides information about the IBM zEnterprise BC12 zBC12 an IBM scalable mainframe server IBM is taking a revolutionary approach by integrating separate platforms under the well proven System z hardware management capabilities while extending System z qualities of service to those platforms The zEnterprise System consists of the zBC12 central processor complex the IBM zEnterprise Unified Resource Manager and the IBM zEnterprise BladeCenter Extension zBX The zBC12 is designed with improved scalability performance security resiliency availability and virtualization The zBC12 provides the following improvements over its predecessor the IBM zEnterprise 114 z114 Up to a 36% performance boost per core running at 4 2 GHz Up to 58% more capacity for traditional workloads Up to 62% more capacity for Linux workloads The zBX infrastructure works with the zBC12 to enhance System z virtualization and management through an integrated hardware platform that spans mainframe IBM POWER7 and IBM System x technologies The federated capacity from multiple architectures of the zEnterprise System is managed as a single pool of resources integrating system and workload management across the environment through the Unified Resource Manager This book provides an overview of the zBC12 and its functions features and associated software support Greater detail is offered in areas relevant to technical planning This book is intended for systems engineers consultants planners and anyone who wants to understand zEnterprise System functions and plan for their usage It is not intended as an introduction to mainframes Readers are expected to be generally familiar with existing IBM System z technology and terminology Reliability and Performance with IBM DB2 Analytics Accelerator V4.1 Paolo Bruni, Jason Arnold, Leticia Cruz, Jeff Feinsmith, Willie Favero, Anna Griner, James Guo, Chris Harlander, Johannes Kern, Ravi Kumar, Ruiping Li, Andy Perkins, Jonathan Sloan, Steve Speller, Dino Tonelli, IBM Redbooks, 2015-05-11 The IBM DB2 Analytics Accelerator for IBM z OS is a high performance appliance that integrates the

IBM zEnterprise infrastructure with IBM PureDataTM for Analytics powered by IBM Netezza technology With this integration you can accelerate data intensive and complex queries in a DB2 for z OS highly secure and available environment DB2 and the Analytics Accelerator appliance form a self managing hybrid environment running online transaction processing and online transactional analytical processing concurrently and efficiently These online transactions run together with business intelligence and online analytic processing workloads DB2 Analytics Accelerator V4 1 expands the value of high performance analytics DB2 Analytics Accelerator V4 1 opens to static Structured Query Language SQL applications and row set processing minimizes data movement reduces latency and improves availability This IBM Redbooks publication provides technical decision makers with an understanding of the benefits of version 4 1 of the Analytics Accelerator with DB2 11 for z OS It describes the installation of the new functions and the advantages to existing analytical processes as measured in our test environment This book also introduces the DB2 Analytics Accelerator Loader V1 1 a tool that facilitates the data population of the DB2 Analytics Accelerator Practical Migration from x86 to LinuxONE Lydia Parziale, Michel Beaulieu, Felipe Mendes, Guilherme Nogueira, Lena Roesch, IBM Redbooks, 2021-01-04 Linux ONE is a portfolio of hardware software and solutions for an enterprise grade Linux environment It has been designed to run more transactions faster and with more security and reliability specifically for the open community It fully embraces open source based technology Two servers are available for LinuxONE The IBM LinuxONE III LT1 and IBM LinuxONE III LT2 We describe these servers in IBM LinuxONE servers on page 5 Aside from still running SUSE Linux Enterprise Server and Red Hat Enterprise Linux Servers LinuxONE runs Ubuntu which is popular on x86 hardware Ubuntu which runs the cloud smartphones a computer that can remote control a planetary rover for NASA many market leading companies and the Internet of Things is now available on IBM LinuxONE servers Together these two technology communities deliver the perfect environment for cloud and DevOps Ubuntu 16 04 on LinuxONE offers developers enterprises and Cloud Service Providers a scalable and secure platform for next generation applications that include OpenStack KVM Docker and JuJu The following are reasons why you would want to optimize your servers through virtualization using LinuxONE Too many distributed physical servers with low utilization A lengthy provisioning process that delays the implementation of new applications Limitations in data center power and floor space High total cost of ownership TCO Difficulty allocating processing power for a dynamic environment This IBM Redbooks publication provides a technical planning reference for IT organizations that are considering a migration from their x86 distributed servers to LinuxONE This book walks you through some of the important considerations and planning issues that you might encounter during a migration project Within the context of a pre existing UNIX based or x86 environment it presents an end to end view of the technical challenges and methods necessary to complete a successful migration to LinuxONE Hybrid Analytics Solution using IBM DB2 Analytics Accelerator for z/OS V3.1 Paolo Bruni, Willie Favero, James Guo, Ravikumar Kalyanasundaram, Ruiping Li, Cristian Molaro, Andy Perkins, Theresa Tai, Dino Tonelli, IBM

Redbooks,2013-09-27 The IBM DB2 Analytics Accelerator Version 3 1 for IBM z OS simply called Accelerator in this book is a union of the IBM System z quality of service and IBM Netezza technology to accelerate complex queries in a DB2 for z OS highly secure and available environment Superior performance and scalability with rapid appliance deployment provide an ideal solution for complex analysis In this IBM Redbooks publication we provide technical decision makers with a broad understanding of the benefits of Version 3 1 of the Accelerator's major new functions. We describe their installation and the advantages to existing analytical processes as measured in our test environment. We also describe the IBM zEnterprise Analytics System 9700 a hybrid System z solution offering that is surrounded by a complete set of optional packs to enable customers to custom tailor the system to their unique needs

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