

Managing IBM DB2 10 for z/OS Using the IBM DB2 Administration Tool for z/OS Version 10

Use with IBM DB2 10 for z/OS from
Day 1

Simplify the database
administration functions

Adapt your data with the new
change capabilities



Paolo Bruni
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Redbooks

Ibm Db2 Manuals Z Os

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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 RRSF 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 *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 [DB2 9 for z/OS Performance Topics](#) Paolo Bruni, Kevin Harrison, Garth Oldham, Leif Pedersen, Giuseppe Tino, IBM Redbooks, 2012-09-28 DB2 9 for z OS is an exciting new version with many improvements in performance and little regression DB2 V9 improves availability and security as well as adds greatly to SQL and XML functions Optimization improvements include more SQL functions to optimize improved statistics for the optimizer better optimization techniques and a new approach to providing information for tuning V8 SQL procedures were not eligible to run on the IBM System z9 Integrated Information Processor zIIP but changing to use the native SQL procedures on DB2 V9 makes the work eligible for zIIP processing The performance of varying length data can improve substantially if there are large numbers of varying length columns Several improvements in disk access can reduce the time for sequential disk access and improve data rates The key DB2 9 for z OS performance improvements include reduced CPU time in many utilities deep synergy with IBM System z hardware and z OS software improved performance and scalability for inserts and LOBs improved SQL optimization zIIP processing for remote native SQL procedures index compression reduced CPU time for data with varying lengths and better sequential access Virtual storage use below the 2 GB bar is also improved This IBM Redbooks publication provides an overview of the performance impact of DB2 9 for z OS especially performance scalability for transactions CPU and elapsed time for queries and utilities We discuss 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 familiar with DB2 V9 See DB2 9 for z OS Technical Overview SG24 7330 for an introduction to the new functions **DB2 SQL Tuning Tips for z/OS Developers** Tony Andrews, 2012-10-15 The Definitive Solutions Oriented Guide to IBM DB2 for z OS Now Fully Updated for Both v9 and v10 The largest database tuning performance gains can often be obtained from tuning application code and applications that use SQL to retrieve data are the best candidates for tuning This well organized easy to understand reference brings together more than 100 SQL related skills and techniques that any developer can use to build and optimize DB2 applications for consistently superior performance DB2 tuning expert Tony Andrews Tony the Tuner draws on more than 20 years of DB2 related experience empowering you to take performance into your own hands whether you re writing new software or tuning existing systems Tony shows you exactly how to clear bottlenecks resolve problems and improve both speed and reliability This book fully reflects the latest SQL programming best practices for DB2 V9 and DB2 V10 on z OS techniques that are taught in no other book and are rarely covered in general DB2 SQL courses Drawing on his extensive consulting experience and highly praised training with Themis Inc Tony also presents practical checklists and an invaluable 15 step methodology for optimizing virtually any DB2 application Coverage includes Empowering developers on knowing what to do and where to look in resolving performance

problems in queries or programs Providing many programming and SQL coding examples Establishing standards and guidelines that lead to high performance SQL Implementing time efficient code walkthroughs to ensure that your standards are followed Focusing on the small number of SQL statements that consume the most resources Identifying simple solutions that deliver the most sizable benefits Optimizing performance by rewriting query predicates more efficiently Providing a better understanding of SQL optimization and Runstat statistics Recognizing opportunities to tweak your code more effectively than the Optimizer Optimizing SQL code with COBOL applications Efficiently checking for the existence of data rows or tables Using Runstats newest capabilities to consistently optimize paths to data **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 **New Ways of Running Batch Applications on z/OS: Volume 4 IBM IMS** Denis

Gaebler,Alex Louwe Kooijmans,Elsie Ramos,IBM Redbooks,2014-05-28 Mainframe computers play a central role in the daily operations of many of the world s largest corporations Batch processing is still a fundamental mission critical component of the workloads that run on the mainframe A large portion of the workload on IBM z OS systems is processed in batch mode This IBM Redbooks publication is the fourth volume in a series of four They address new technologies introduced by IBM to facilitate the use of hybrid batch applications that combine the best aspects of Java and procedural programming languages such as COBOL This volume focuses on the latest enhancements in IBM IMSTM batch support IMS has been available to clients for 45 years as IMS Transaction Manager IMS Database Manager or both The audience for this book includes IT architects and application developers with a focus on batch processing on the z OS platform DB2 Universal Database for OS/390 Version 7.1 Certification Guide Richard Yevich,Susan Lawson,2001 PLEASE PROVIDE COURSE INFORMATION

PLEASE PROVIDE *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 PureData™ 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

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 a 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

Beginning DB2 Grant Allen,2008-11-20 IBM s DB2 Express Edition is one of the most capable of the free database

platforms available in today's marketplace In *Beginning DB2* author Grant Allen gets you started using DB2 Express Edition for web sites desktop applications and more The author covers the basics of DB2 for developers and database administrators shows you how to manage data in both XML and relational form and includes numerous code examples so that you are never in doubt as to how things work In this book you'll find A friendly introduction to DB2 Express Edition an industrial strength relational database from IBM Dozens of examples so that you are never in doubt as to how things work Coverage of important language interfaces such as from PHP Ruby C Python and more The book is aimed at developers who want a robust database to back their applications

Best Practices for DS8000 and z/OS HyperSwap with Copy Services Manager Thomas Luther,Alexander Warmuth. Marcelo Takakura,IBM Redbooks,2019-06-21 Many IBM z OS customers require their applications to be available 24x7 Whether the business requirements are high availability HA disaster recovery DR or business continuity IBM HyperSwap technology can provide an adequate solution HyperSwap is the industry standard and is provided as several different implementation options to meet the various business needs of the IBM System z and z OS customer base IBM Copy Services Manager CSM enables you to manage z OS HyperSwap and helps you manage planned and unplanned actions in an z OS environment from an open systems environment This IBM Redbooks publication provides best practices for the planning implementing integrating and managing z OS HyperSwap with CSM

z/OS Version 1 Release 13 Implementation Paul Rogers,Diniz Bortolotto,Robert Hering,George Kozakos,Lutz Kuehner,Jean-Louis Lafitte,Diana Nakajima,Paulo Nascimento,Nelson Oliveira,Gil Peleg,Giancarlo Rodolfi,Anthony Soares,Joao Zanon,IBM Redbooks,2012-03-27 This IBM Redbooks publication provides information about installation and migration changes to be aware of if you are responsible for migrating systems from IBM z OS V1R10 z OS V1R11 and z OS V1R12 to z OS V1R13 It also highlights actions that are needed to prepare for the installation of z OS V1R12 including ensuring driving system and target system requirements are met and coexistence requirements are satisfied There is a special focus on identifying new migration actions that must be performed for selected elements when migrating to z OS V1R13 The book addresses the following topics z OS V1R13 overview z OS V1R13 installation managing volume backups with fast replication XCF enhancements console service enhancements DFSMSdftp DFSMSsoam DFSMSHsm ISPF enhancements DFSMSrmm enhancements establishing IBM RACF security for RRSF TCP/IP connections GRS enhancements BCP supervisor contents supervisor and RSM updates improved channel recovery Service aids enhancements System Logger SMF z OS UNIX System Services z OS UNIX related applications RRS z OS Management Facility z OS HCD and HCM C language Storage management enhancements Common Information Model Predictive Failure Analysis Extended Address Volume BCPii Capacity Provisioning System SSL enhancements UNICODE IBM Language Environment SDSF enhancements JES2 enhancements JES3 enhancements IBM RMFTM enhancements IBM WebSphere Application Server OEM z OSMF CIM and Capacity Provisioning setups BCPii Metal C example

Leveraging IBM Cognos 8 BI for Linux on IBM System z Paolo

Bruni,Andre Kres,Riccardo Paganelli,James Wilson,IBM Redbooks,2010-02-01 In this IBM Redbooks publication we describe the role Cognos plays in an Information On Demand IOD solution for IBM System z and detail the functions of IBM Cognos 8 BI for Linux on System z in current deployment scenarios We show typical deployment architectures that show how to access disparate data sources both on and off the System z platform and show how the functions of the Cognos family of products provides a way to consolidate different BI solutions on System z We provide examples of Cognos functions for resolving business requirements using reporting and OLAP capabilities as well as general deployment considerations of IBM Cognos 8 BI for Linux on System z This publication is meant to help the Cognos Business Intelligence professional understand the strong points of System z architecture and the database specialist appreciate the Cognos family of products **System z Parallel Sysplex Best Practices** Frank Kyne,Bert de Beer,Luis Martinez,Harriet Morril,Miha Petric,David Viguers,Suzi Wendler,IBM Redbooks,2011-01-11 This IBM Redbooks publication pulls together diverse information regarding the best way to design implement and manage a Parallel Sysplex to deliver the levels of performance and availability required by your organization This book should be of interest to system programmers availability managers and database administrators who are interested in verifying that your systems conform to IBM best practices for a Parallel Sysplex environment In addition to z OS and the sysplex hardware configuration this book also covers the major IBM subsystems CICS DB2 IMSTM MQ WebSphere Application Server To get the best value from this book readers should have hands on experience with Parallel Sysplex and have working knowledge of how your systems are set up and why they were set up in that manner z/OS V1.13 DFSMS Technical Update Mike Ebbers,Mary Lovelace,Andre Luiz Coelho Da Silva,Anthony Fletcher,Gert Laumann,Alvaro Salla,Norbert Schlumberger,IBM Redbooks,2012-09-23 Each release of IBM Data Facility Storage Management Subsystem DFSMS builds on the previous version The latest release IBM z OS V1 13 DFSMS provides enhancements in these areas for the z OS platform in a system managed storage environment Storage management Data access Device support Program management Distributed data access This IBM Redbooks publication provides a summary of the functions and enhancements in z OS V1 13 DFSMS It provides information that you need to understand and evaluate the content of this DFSMS release along with practical implementation hints and tips This book also includes enhancements that are available by enabling PTFs that have been integrated into z OS DFSMS V1 13 This book was written for storage professionals and system programmers who have experience with the components of DFSMS It provides sufficient information so that you can start prioritizing the implementation of new functions and evaluating their applicability in your DFSMS environment *Getting Started: Journey to Modernization with IBM Z* Makenzie Manna,Ravinder Akula,Matthew Cousens,Pabitra Mukhopadhyay,Anand Shukla,IBM Redbooks,2021-03-15 Modernization of enterprise IT applications and infrastructure is key to the survival of organizations It is no longer a matter of choice The cost of missing out on business opportunities in an intensely competitive market can be enormous To aid in their success organizations are facing increased

encouragement to embrace change They are pushed to think of new and innovative ways to counter or offer a response to threats that are posed by competitors who are equally as aggressive in adopting newer methods and technologies The term modernization often varies in meaning based on perspective This IBM Redbooks publication focuses on the technological advancements that unlock computing environments that are hosted on IBM Z to enable secure processing at the core of hybrid This publication is intended for IT executives IT managers IT architects System Programmers and Application Developer professionals

Rough Sets and Knowledge Technology Duoqian Miao,Witold Pedrycz,Dominik Ślęzak,Georg Peters,Qinghua Hu,Ruizhi Wang,2014-09-25 This book constitutes the thoroughly refereed conference proceedings of the 9th International Conference on Rough Sets and Knowledge Technology RSKT 2014 held in Shanghai China in October 2014 The 70 papers presented were carefully reviewed and selected from 162 submissions The papers in this volume cover topics such as foundations and generalizations of rough sets attribute reduction and feature selection applications of rough sets intelligent systems and applications knowledge technology domain oriented data driven data mining uncertainty in granular computing advances in granular computing big data to wise decisions rough set theory and three way decisions uncertainty and granular computing

Transaction Processing: Past, Present, and Future Alex Louwe Kooijmans,Elsie Ramos,Niek De Greef,Dominique Delhumeau,Donna Eng Dillenberger,Hilon Potter,Nigel Williams,IBM Redbooks,2012-09-29 The role of IT is becoming more prominent in people s daily lives and we are becoming increasingly dependent on computers More and more business transactions are being automated for example ordering a book at an online bookstore or transferring money to a bank account in another part of the world No matter the type of transaction we want it to be accurate and we want to have no doubts about its outcome Transactions are also becoming more complex driven by new ways of conducting business and new technologies Smartphones now allow us to conduct transactions anywhere and at anytime Technology paradigms such as Web 2 0 and business event processing enable businesses to increase the dynamics of a transaction through instrumentation that captures events analyzes the associated data and proactively interacts with the client in order to improve the customer experience To adapt to the increasing volume and complexity of transactions requires an ongoing assessment of the current way of supporting transactions with IT No matter what your business is you need to ensure that your transactions are properly completed with integrity Wrong or incomplete results can adversely affect client loyalty affect company profits and lead to claims lawsuits or fines Companies need to be able to rely on computer systems that are 100% reliable and guarantee transaction integrity at all times The IBM mainframe is such a platform Clients that have been using an IBM mainframe are conscious of its added value For this IBM Redguide™ publication we surveyed a number of companies that use the IBM mainframe and we asked them to tell us its most distinguishing qualities They answered unanimously reliability availability and scalability They also do not see an alternative for running their mission critical business workloads other than the IBM mainframe When we surveyed our clients we also asked them about the future

Clearly major future trends demand significantly smarter faster and bigger transaction processing systems than we have today Some of these trends are the availability of new computing paradigms continuing growth of the mobile channel further integration of organizations massive growth of unstructured and uncertain data and increasing complexity of IT systems IBM continues to invest in mainframe technology leadership which protects years of client investments on this platform Today well known transaction processing TP middleware such as the IBM CICS IBM IMS IBM z TPF and IBM WebSphere Application Server products and also solutions for service oriented architecture SOA and business process management BPM are available and fully optimized on the IBM mainframe running the mission critical business workloads of many companies the world over In 2010 IBM announced the IBM zEnterprise system introducing a hybrid computing platform that combines the traditional IBM mainframe capabilities and the ability to use IBM blade servers managed by a single management software With zEnterprise you can significantly reduce the complexity of your IT and achieve better service levels while continuing to benefit from traditional mainframe strengths in transaction processing

Introduction to the New

Mainframe: IBM z/VSE Basics Mike Ebberts,Wolfgang Bosch,Hans Joachim Ebert,Helmut Hellner,Jerry Johnston,Marco Kroll,Wilhelm Mild,Wayne O'Brien,Bill Ogden,Ingolf Salm,Joerg Schmidbauer,Martin Walbruehl,IBM Redbooks,2016-03-02 This IBM Redbooks publication is based on the book Introduction to the New Mainframe z OS Basics SG24 6366 which was produced by the International Technical Support Organization ITSO Poughkeepsie Center It provides students of information systems technology with the background knowledge and skills necessary to begin using the basic facilities of a mainframe computer For optimal learning students are assumed to have successfully completed an introductory course in computer system concepts such as computer organization and architecture operating systems data management or data communications They should also have successfully completed courses in one or more programming languages and be PC literate This textbook can also be used as a prerequisite for courses in advanced topics or for internships and special studies It is not intended to be a complete text covering all aspects of mainframe operation It is also not a reference book that discusses every feature and option of the mainframe facilities Others who can benefit from this course include experienced data processing professionals who have worked with non mainframe platforms or who are familiar with some aspects of the mainframe but want to become knowledgeable with other facilities and benefits of the mainframe environment As we go through this course we suggest that the instructor alternate between text lecture discussions and hands on exercises Many of the exercises are cumulative and are designed to show the student how to design and implement the topic presented The instructor led discussions and hands on exercises are an integral part of the course and can include topics not covered in this textbook In this course we use simplified examples and focus mainly on basic system functions Hands on exercises are provided throughout the course to help students explore the mainframe style of computing At the end of this course you will be familiar with the following information Basic concepts of the mainframe including its usage and architecture

Fundamentals of IBM z VSE VSE an IBM zTM Systems entry mainframe operating system OS An understanding of mainframe workloads and the major middleware applications in use on mainframes today The basis for subsequent course work in more advanced specialized areas of z VSE such as system administration or application programming *IBM Integrated Synchronization: Incremental Updates Unleashed* Christian Michel,Cüneyt Göksu,Günter Schöllmann,IBM Redbooks,2021-01-27 The IBM Db2 Analytics Accelerator Accelerator is a logical extension of Db2 for IBM z OS that provides a high speed query engine that efficiently and cost effectively runs analytics workloads The Accelerator is an integrated back end component of Db2 for z OS Together they provide a hybrid workload optimized database management system that seamlessly manages queries that are found in transactional workloads to Db2 for z OS and queries that are found in analytics applications to Accelerator Each query runs in its optimal environment for maximum speed and cost efficiency The incremental update function of Db2 Analytics Accelerator for z OS updates Accelerator shadow tables continually Changes to the data in original Db2 for z OS tables are propagated to the corresponding target tables with a high frequency and a brief delay Query results from Accelerator are always extracted from recent close to real time data An incremental update capability that is called IBM InfoSphere Change Data Capture InfoSphere CDC is provided by IBM InfoSphere Data Replication for z OS up to Db2 Analytics Accelerator V7.5 Since then an extra new replication protocol between Db2 for z OS and Accelerator that is called IBM Integrated Synchronization was introduced With Db2 Analytics Accelerator V7.5 customers can choose which one to use IBM Integrated Synchronization is a built in product feature that you use to set up incremental updates It does not require InfoSphere CDC which is bundled with IBM Db2 Analytics Accelerator In addition IBM Integrated Synchronization has more advantages Simplified administration packaging upgrades and support These items are managed as part of the Db2 for z OS maintenance stream Updates are processed quickly Reduced CPU consumption on the mainframe due to a streamlined optimized design where most of the processing is done on the Accelerator This situation provides reduced latency Uses IBM Z Integrated Information Processor zIIP on Db2 for z OS which leads to reduced CPU costs on IBM Z and better overall performance data such as throughput and synchronized rows per second On z OS the workload to capture the table changes was reduced and the remainder can be handled by zIIPs With the introduction of an enterprise grade Hybrid Transactional Analytics Processing HTAP enabler that is also known as the Wait for Data protocol the integrated low latency protocol is now enabled to support more analytical queries running against the latest committed data IBM Db2 for z OS Data Gate simplifies delivering data from IBM Db2 for z OS to IBM Cloud Pak for Data for direct access by new applications It uses the special purpose integrated synchronization protocol to maintain data currency with low latency between Db2 for z OS and dedicated target databases on IBM Cloud Pak for Data

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Ibm Db2 Manuals Z Os Introduction

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