# DB2 10 FOR Z/0S

The Smarter. Faster Way to Upgrade



John Campbell, Cristian Molaro, and Surekha Parekh

# **Db2 10 For Zos The Smarter Faster Way To Upgrade**

**JS Bruner** 

# **Db2 10 For Zos The Smarter Faster Way To Upgrade:**

DB2 10 for Z/Os - The Smarter, Faster Way to Upgrade John Campbell, Cristian Molaro, Surekha Parekh, 2011 Addressing the cost control and efficiency pressures in the current economic climate this handbook offers solutions for DB2 for z OS customers seeking competitive advantages for increased productivity and operational efficiency This guide prepares businesses for DB2 updates and changes Included in this book are reviews of performance improvement methods to improve database security and suggestions for better usability and interfacing with SQL8 and pureXML Technical Overview Paolo Bruni, Rafael Garcia, Sabine Kaschta, Josef Klitsch, Ravi Kumar, Andrei Lurie, Michael Parbs, Rajesh Ramachandran, IBM Redbooks, 2014-07-16 IBM DB2 Version 10 1 for z OS DB2 10 for z OS or just DB2 10 throughout this book is the fourteenth release of DB2 for MVSTM It brings improved performance and synergy with the System z hardware and more opportunities to drive business value in the following areas Cost savings and compliance through optimized innovations DB2 10 delivers value in this area by achieving up to 10% CPU savings for traditional workloads and up to 20% CPU savings for nontraditional workloads depending on the environments Synergy with other IBM System z platform components reduces CPU use by taking advantage of the latest processor improvements and z OS enhancements Streamline security and regulatory compliance through the separation of roles between security and data administrators column level security access and added auditing capabilities Business insight innovations Productivity improvements are provided by new functions available for pureXML data warehousing and traditional online TP applications Enhanced support for key business partners that allow you to get more from your data in critical business disciplines like ERP Bitemporal support for applications that need to correlate the validity of data with time Business resiliency innovations Database on demand capabilities to ensure that information design can be changed dynamically often without database outages DB2 operations and utility improvements enhancing performance usability and availability by exploiting disk storage technology The DB2 10 environment is available either for brand new installations of DB2 or for migrations from DB2 9 for z OS or from DB2 UDB for z OS Version 8 subsystems This IBM Redbooks publication introduces the enhancements made available with DB2 10 for z OS The contents help you understand the new functions and performance enhancements start planning for exploiting the key new capabilities and justify the investment in installing or migrating or skip migrating to DB2 10 **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 **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 SOL 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 Hybrid Analytics Solution using IBM DB2 Analytics Accelerator for z/OS V3.1 Paolo Bruni, Willie Favero, James

Guo, Rayikumar 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 Managing IBM DB2 10 for z/OS Using the IBM DB2 Administration Tool for z/OS Version 10 Paolo Bruni, Tom Crocker, Elaine Morelli, Richard Schaufuss, Iane Yang, IBM Redbooks, 2011-04-22 Today's business environment has increased in the complexity and rate of change that a database administrator must control The ability to respond quickly to a changing environment is constantly challenged by the explosion of data growth combined with a decline in an experienced work staff The IBM DB2 Administration Tool for z OS Version 10 helps you become productive from Day 1 with DB2 10 for z OS by using performance savings right away lowering the CPU costs while reducing the batch window Users experience higher data availability by easily managing online schema changes including additional columns to indexes to use index only access Customers are able to experience higher data availability through simplified recovery operations Access new functionality in DB2 10 for z OS to lower costs and improve efficiency both before during and after the DB2 migration process Maximize the performance of your key DB2 business applications to speed their deployment in DB2 10 for z OS Improve the productivity and efficiency of your staff when DB2 10 for z OS is running This IBM Redbooks publication highlights the data administration enhancements introduced by DB2 Administration Tool for z OS Version 10 by providing scenarios of their use with the new functions provided by DB2 10 for z OS Security Functions of IBM DB2 10 for z/OS Paolo Bruni, Marcelo Antonelli, Hyun Baek, Rick Butler, Ernie Mancill, IBM Redbooks, 2011-09-14 IBM DB2 9 and 10 for z OS have added functions in the areas of security regulatory compliance and audit capability that provide solutions for the most compelling requirements DB2 10 enhances the DB2 9 role based security with additional administrative and other finer grained authorities and privileges This authority granularity helps separate administration and data access that provide only the minimum appropriate authority The authority profiles provide better separation of duties while limiting or eliminating blanket authority over all aspects of a table and its data In addition DB2 10 provides a set of criteria for auditing for the possible abuse and overlapping of authorities within a system In DB2 10 improvements to security and regulatory compliance focus on data retention and protecting sensitive data from privileged users and administrators Improvements also help to separate security administration from database administration DB2 10

also lets administrators enable security on a particular column or particular row in the database complementing the privilege model This IBM Redbooks publication provides a detailed description of DB2 10 security functions from the implementation and usage point of view It is intended to be used by database audit and security administrators *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

Using zEnterprise for Smart Analytics: Volume 2 Implementation Mike Ebbers, Alex Louwe Kooijmans, Colin Page, Patrick Hempeler, Qiong Liu, LK Swift, Lih Wang, IBM Redbooks, 2013-04-23 This IBM Redbooks publication series explains the assessment and implementation of a workload integrated within IBM Smarter Banking Showcase and hosted at IBM Montpellier France Intended for decision makers consultants architects administrators and specialists this book is the second volume in a series of two Assessment Volume 1 SG24 8007 describes how to evaluate the requirements of a new Smarter Analytics workload addressing the user system resources and data processing profiles to identify the most optimal configuration by using IBM methodologies such as fit for purpose Given that the existing showcase is based on the IBM zEnterprise System deployment options include IBM z OS Linux on IBM System z IBM AIX running on IBM POWER processor based blades within the zEnterprise BladeCenter Extension zBX and Windows Server 2008 running on System x and BladeCenter blades also within zBX Implementation Volume 2 SG24 8008 which you are reading describes the setups that are involved in deploying the Smarter Analytics workload within the showcase With multiple components including IBM Cognos BI IBM Cognos TM1 Cognos Metric Studio IBM DB2 for z OS and a number of application design tools the workload spans multiple operating environments The use of application clustering setting up performance policies by using Unified Resource Manager and simulation test execution results are included **Accelerating Data Transformation with IBM** DB2 Analytics Accelerator for z/OS Ute Baumbach, Patric Becker, Uwe Denneler, Eberhard Hechler, Wolfgang Hengstler, Steffen Knoll, Frank Neumann, Guenter Georg Schoellmann, Khadija Souissi, Timm Zimmermann, IBM Redbooks, 2015-12-11 Transforming data from operational data models to purpose oriented data structures has been

commonplace for the last decades Data transformations are heavily used in all types of industries to provide information to various users at different levels Depending on individual needs the transformed data is stored in various different systems Sending operational data to other systems for further processing is then required and introduces much complexity to an existing information technology IT infrastructure Although maintenance of additional hardware and software is one component potential inconsistencies and individually managed refresh cycles are others. For decades there was no simple and efficient way to perform data transformations on the source system of operational data With IBM DB2 Analytics Accelerator DB2 for z OS is now in a unique position to complete these transformations in an efficient and well performing way DB2 for z OS completes these while connecting to the same platform as for operational transactions helping you to minimize your efforts to manage existing IT infrastructure Real time analytics on incoming operational transactions is another demand Creating a comprehensive scoring model to detect specific patterns inside your data can easily require multiple iterations and multiple hours to complete By enabling a first set of analytical functionality in DB2 Analytics Accelerator those dedicated mining algorithms can now be run on an accelerator to efficiently perform these modeling tasks Given the speed of query processing on an accelerator these modeling tasks can now be performed much guicker compared to traditional relational database management systems This speed enables you to keep your scoring algorithms more up to date and ultimately adapt more quickly to constantly changing customer behaviors This IBM Redbooks publication describes the new table type that is introduced with DB2 Analytics Accelerator V4 1 PTF5 that enables more efficient data transformations These tables are called accelerator only tables and can exist on an accelerator only The tables benefit from the accelerator performance characteristics while maintaining access through existing DB2 for z OS application programming interfaces APIs Additionally we describe the newly introduced analytical capabilities with DB2 Analytics Accelerator V5 1 putting you in the position to efficiently perform data modeling for online analytical requirements in your DB2 for z OS environment This book is intended for technical decision makers who want to get a broad understanding about the analytical capabilities and accelerator only tables of DB2 Analytics Accelerator In addition you learn about how these capabilities can be used to accelerate in database transformations and in database analytics in various environments and scenarios including the following scenarios Multi step processing and reporting in IBM DB2 Query Management FacilityTM IBM Campaign or Microstrategy environments In database transformations using IBM InfoSphere DataStage Ad hoc data analysis for data scientists In database analytics using IBM SPSS Modeler Mastering ArcGIS Enterprise Administration Chad Cooper, 2017-10-27 Learn how to confidently install configure secure and fully utilize your ArcGIS Enterprise system About This Book Install and configure the components of ArcGIS Enterprise to meet your organization's requirements Administer all aspects of ArcGIS Enterprise through user interfaces and APIs Optimize and Secure ArcGIS Enterprise to make it run efficiently and effectively Who This Book Is For This book will be geared toward senior GIS analysts GIS managers GIS administrators DBAs GIS architects and

GIS engineers that need to install configure and administer ArcGIS Enterprise 10 5 1 What You Will Learn Effectively install and configure ArcGIS Enterprise including the Enterprise geodatabase ArcGIS Server and Portal for ArcGIS Incorporate different methodologies to manage and publish services Utilize the security methods available in ArcGIS Enterprise Use Python and Python libraries from Esri to automate administrative tasks Identify the common pitfalls and errors to get your system back up and running quickly from an outage In Detail ArcGIS Enterprise the next evolution of the ArcGIS Server product line is a full featured mapping and analytics platform It includes a powerful GIS web services server and a dedicated Web GIS infrastructure for organizing and sharing your work You will learn how to first install ArcGIS Enterprise to then plan design and finally publish and consume GIS services You will install and configure an Enterprise geodatabase and learn how to administer ArcGIS Server Portal and Data Store through user interfaces the REST API and Python scripts This book starts off by explaining how ArcGIS Enterprise 10 5 1 is different from earlier versions of ArcGIS Server and covers the installation of all the components required for ArcGIS Enterprise We then move on to geodatabase administration and content publication where you will learn how to use ArcGIS Server Manager to view the server logs stop and start services publish services define users and roles for security and perform other administrative tasks You will also learn how to apply security mechanisms on ArcGIS Enterprise and safely expose services to the public in a secure manner Finally you ll use the RESTful administrator API to automate server management tasks using the Python scripting language You ll learn all the best practices and troubleshooting methods to streamline the management of all the interconnected parts of ArcGIS Enterprise Style and approach The book takes a pragmatic approach starting with installation configuration of ArcGIS Enterprise to finally building a robust GIS web infrastructure for your organization Enabling Real-time Analytics on IBM z Systems Platform Lydia Parziale, Oliver Benke, Willie Favero, Ravi Kumar, Steven LaFalce, Cedrine Madera, Sebastian Muszytowski, IBM Redbooks, 2016-08-08 Regarding online transaction processing OLTP workloads IBM z SystemsTM platform with IBM DB2 data sharing Workload Manager WLM geoplex and other high end features is the widely acknowledged leader Most customers now integrate business analytics with OLTP by running for example scoring functions from transactional context for real time analytics or by applying machine learning algorithms on enterprise data that is kept on the mainframe As a result IBM adds investment so clients can keep the complete lifecycle for data analysis modeling and scoring on z Systems control in a cost efficient way keeping the qualities of services in availability security reliability that z Systems solutions offer Because of the changed architecture and tighter integration IBM has shown in a customer proof of concept that a particular client was able to achieve an orders of magnitude improvement in performance allowing that client s data scientist to investigate the data in a more interactive process Open technologies such as Predictive Model Markup Language PMML can help customers update single components instead of being forced to replace everything at once As a result you have the possibility to combine your preferred tool for model generation such as SAS Enterprise Miner or IBM

SPSS Modeler with a different technology for model scoring such as Zementis a company focused on PMML scoring IBM SPSS Modeler is a leading data mining workbench that can apply various algorithms in data preparation cleansing statistics visualization machine learning and predictive analytics It has over 20 years of experience and continued development and is integrated with z Systems With IBM DB2 Analytics Accelerator 5 1 and SPSS Modeler 17 1 the possibility exists to do the complete predictive model creation including data transformation within DB2 Analytics Accelerator So instead of moving the data to a distributed environment algorithms can be pushed to the data using cost efficient DB2 Accelerator for the required resource intensive operations This IBM Redbooks publication explains the overall z Systems architecture how the components can be installed and customized how the new IBM DB2 Analytics Accelerator loader can help efficient data loading for z Systems data and external data how in database transformation in database modeling and in transactional real time scoring can be used and what other related technologies are available This book is intended for technical specialists and architects and data scientists who want to use the technology on the z Systems platform Most of the technologies described in this book require IBM DB2 for z OS For acceleration of the data investigation data transformation and data modeling process DB2 Analytics Accelerator is required Most value can be achieved if most of the data already resides on z Systems platforms although adding external data like from social sources poses no problem at all **Smarter Business: Dynamic** Information with IBM InfoSphere Data Replication CDC Chuck Ballard, Alec Beaton, Mark Ketchie, Frank Ketelaars, Anzar Noor, Judy Parkes, Deepak Rangarao, Bill Shubin, Wim Van Tichelen, IBM Redbooks, 2012-03-12 To make better informed business decisions better serve clients and increase operational efficiencies you must be aware of changes to key data as they occur In addition you must enable the immediate delivery of this information to the people and processes that need to act upon it This ability to sense and respond to data changes is fundamental to dynamic warehousing master data management and many other key initiatives A major challenge in providing this type of environment is determining how to tie all the independent systems together and process the immense data flow requirements IBM InfoSphere Change Data Capture InfoSphere CDC can respond to that challenge providing programming free data integration and eliminating redundant data transfer to minimize the impact on production systems In this IBM Redbooks publication we show you examples of how InfoSphere CDC can be used to implement integrated systems to keep those systems updated immediately as changes occur and to use your existing infrastructure and scale up as your workload grows InfoSphere CDC can also enhance your investment in other software such as IBM DataStage and IBM QualityStage IBM InfoSphere Warehouse and IBM InfoSphere Master Data Management Server enabling real time and event driven processes Enable the integration of your critical data and make it immediately available as your business needs it Getting Started with the IBM Smart Analytics System 9600 Lydia Parziale, Gary Crupi, Willie Favero, Dirk Johan, Charles Matula, Kim Patterson, Vikram Saraswathi, IBM Redbooks, 2011-04-12 The IBM Smart Analytics System 9600 is a single end to end business analytics solution to accelerate

data warehousing and business intelligence initiatives It provides integrated hardware software and services that enable enterprise customers to quickly and cost effectively deploy business changing analytics across their organizations. As a workload optimized system for business analytics it leverages the strengths of the System z platform to drive Significant savings in hardware software operating and people costs to deliver a complete range of data warehouse and BI capabilities. Faster time to value with a reduction in the time and speed associated with deploying Business Intelligence Industry leading scalability reliability availability and security Simplified and faster access to the data on System z Smarter Banking with CICS Transaction Server Chris Rayns, Neil Ashworth, Peter Beevers, Vesna Eibel, Fabrice Jarassat, Claus T Jensen, Alison Lucas, Anthony Papageorgiou, Alain Roessle, Nigel Williams, IBM Redbooks, 2010-04-22 It goes without saying that 2009 was a year of unprecedented change in global banking The challenges that financial institutions are facing require them to cut costs but also to regain trust and improve the service that they provide to an increasingly sophisticated and demanding set of customers In the past siloed and rigid IT systems often inhibited banks in their attempts to re engineer their business processes The IBM smarter banking initiative highlights how more intelligent software can be used to significantly improve the end to end integration of banking processes In this IBM Redbooks publication we aim to show how software technologies such as SOA Web 2 0 and event driven architectures can be used to implement smarter banking solutions Our focus is on CICS Transaction Server which is at the heart of most bank s core banking implementations

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 DFSMSdfp DFSMSoam 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 IBM RMFTM enhancements IBM WebSphere Application Server OEM z OSMF CIM and

Capacity Provisioning setups BCPii Metal C example DB2 Essentials Raul F. Chong, Clara Liu, 2013-10-26 The Easy Visual Introduction to IBM DB2 Version 10 5 for Linux UNIX and Windows Foreword by Judy Huber Vice President Distributed Data Servers and Data Warehousing Director IBM Canada Laboratory This book covers everything you need to get productive with the latest version of IBM DB2 and apply it to today s business challenges It discusses key features introduced in DB2 Versions 10 5 10 1 and 9 7 including improvements in manageability integration security Big Data support BLU Acceleration and cloud computing DB2 Essentials illuminates key concepts with examples drawn from the authors extensive experience with DB2 in enterprise environments Raul F Chong and Clara Liu explain how DB2 has evolved what s new and how to choose the right products editions and tools Next they walk through installation configuration security data access remote connectivity and day to day administration Each chapter starts with an illustrative overview to introduce its key concepts using a big picture approach Clearly explained figures are used extensively and techniques are presented with intuitive screenshots diagrams charts and tables Case studies illustrate how theory is applied in real life environments and hundreds of review questions help you prepare for IBM s newest DB2 certification exams Coverage includes Understanding the role of DB2 in Big Data Preparing for and executing a smooth installation or upgrade Understanding the DB2 environment instances and databases Configuring client and server connectivity Working with database objects Getting started with BLU Acceleration Implementing security authentication and authorization Understanding concurrency and locking Maintaining backing up and recovering data Using basic SQL in DB2 environments Diagnosing and solving DB2 problems This book is for anyone who plans to work with DB2 including DBAs system administrators developers and consultants It will be a great resource whether you re upgrading from an older version of DB2 migrating from a competitive database or learning your first Enhancing SAP by Using DB2 9 for z/OS Lydia Parziale, Hyun Baek, Javier Chavez, Vince Crose, Giovanni database platform Grita, Theodor Kuebler, Georg Mayer, Heinz Ruflair, Mary Siart, Johannes Schuetzner, IBM Redbooks, 2009-04-10 This IBM Redbooks publication presents many of the new and improved features and functions of DB2 V9 1 for z OS and DB2 Connect V9 1 It explains how they complement and benefit your SAP NetWeaver environment This book also shares some of our experiences in migrating our DB2 V8 SAP data sharing environment to DB2 9 for z OS with a minimal amount of outage This book is written for SAP and DB2 administrators Knowledge of these products and of the z OS environment is assumed

Complete Analytics with IBM DB2 Query Management Facility: Accelerating Well-Informed Decisions Across the Enterprise Kristi Ramey, Mike Biere, Peter Richardson, Shawn Sullivan, Jeremy Weatherall, IBM Redbooks, 2012-08-20 There is enormous pressure today for businesses across all industries to cut costs enhance business performance and deliver greater value with fewer resources To take business analytics to the next level and drive tangible improvements to the bottom line it is important to manage not only the volume of data but the speed with which actionable findings can be drawn from a wide variety of disparate sources The findings must be easily communicated to those responsible for making both

strategic and tactical decisions At the same time strained IT budgets require that the solution be self service for everyone from DBAs to business users and easily deployed to thin browser based clients Business analytics hosted in the Query Management FacilityTM QMFTM on DB2 and System z allow you to tackle these challenges in a practical way using new features and functions that are easily deployed across the enterprise and easily consumed by business users who do not have prior IT experience This IBM Redbooks publication provides step by step instructions on using these new features Access to data that resides in any JDBC compliant data source OLAP access through XMLA 150 new analytical functions Graphical query interfaces and graphical reports Graphical interactive dashboards Ability to integrate QMF functions with third party applications Support for the IBM DB2 Analytics Accelerator A new QMF Classic perspective in QMF for Workstation Ability to start QMF for TSO as a DB2 for z OS stored procedure New metadata capabilities including ER diagrams and capability to federate data into a single virtual source 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 autonomics which can collaborate into one coherent solution In our evolution of autonomics and the need to move to smarter systems there has been a bigger drive to the concept of Active versus Passive autonomics 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

Eventually, you will certainly discover a extra experience and endowment by spending more cash. nevertheless when? accomplish you take that you require to acquire those every needs afterward having significantly cash? Why dont you attempt to acquire something basic in the beginning? Thats something that will guide you to understand even more on the order of the globe, experience, some places, later history, amusement, and a lot more?

It is your certainly own period to decree reviewing habit. along with guides you could enjoy now is **Db2 10 For Zos The Smarter Faster Way To Upgrade** below.

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#### **Db2 10 For Zos The Smarter Faster Way To Upgrade Introduction**

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