

Ibm Ims V12 Manuals

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DB2 for Z/OSA Complete Guide to DB2 Universal Database
IMS Integration and Connectivity Across the Enterprise
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Using IBM z/OS WLM to Measure Mobile and Other Workloads
VSAM Demystified

Practical Guide to LTE-A, VoLTE and IoT

As IBM® continues to enhance the functionality, performance, and availability of IBM Db2®, the utilities have made significant strides towards self-management. IBM Db2 for z/OS utilities is leading the trend towards autonomics. During the last couple of versions of Db2 for z/OS, and through the maintenance stream, new features and enhancements have been delivered to further improve the performance and functionality of the Db2 utilities. The intent of this IBM Redpaper™ publication is to help Db2 Database Administrators, Db2 System Programmers, and anyone who runs Db2 for z/OS utilities implement best practices. The intent of this paper is not to replicate the Db2 for z/OS Utilities Reference Guide or the Db2 for z/OS Installation Guide. This paper describes and informs you how to apply real-life practical preferred practices for the IBM Db2 for z/OS Utilities Suite. The paper concentrates on the enhancements provided by Db2 utilities, regardless of the version, albeit some functions and features are available only in Db2 12 for IBM z/OS®.

Embedded Systems Design with FPGAs

This IBM® Redbooks® publication provides a technical overview of the features, functions, and enhancements available in IBM i 7.1, including all the Technology Refresh (TR) levels from TR1 to TR7. It provides a summary and brief explanation of the many capabilities and functions in the operating system. It also describes many of the licensed programs and application development tools that are

associated with IBM i. The information provided in this book is useful for clients, IBM Business Partners, and IBM service professionals who are involved with planning, supporting, upgrading, and implementing IBM i 7.1 solutions.

Implementing an InfoSphere Optim Data Growth Solution

This IBM® Redbooks® publication discusses in detail the facilities of DB2® for z/OS®, which allow complete monitoring of a DB2 environment. It focuses on the use of the DB2 instrumentation facility component (IFC) to provide monitoring of DB2 data and events and includes suggestions for related tuning. We discuss the collection of statistics for the verification of performance of the various components of the DB2 system and accounting for tracking the behavior of the applications. We have intentionally omitted considerations for query optimization; they are worth a separate document. Use this book to activate the right traces to help you monitor the performance of your DB2 system and to tune the various aspects of subsystem and application performance.

An Introduction to IMS

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 9 for Z/OS

Z/OS Parallel Sysplex Configuration Overview

IBM's one-stop guide to the newest versions of IMS: the database used by the world's largest companies for their most mission-critical data * *The ideal resource for every IT professional who is new to IMS or upgrading to a current or recent version. *Updated, authoritative coverage of IMS Versions 12, 11, and 10: components, architecture, database and transaction managers, application development, system administration, security, recovery, tools, and more. *95% of Fortune 1000 companies rely on IMS. Over four decades, IBM's Information Management System (IMS) has consistently earned the trust of the world's largest enterprises. Thanks to its reliability, security, and performance, nearly 95% of Fortune 1000 companies rely on IMS for their most critical IBM System z data management needs: 50,000,000,000+ transactions run through IMS databases every day. What's more, IBM continues to upgrade IMS to meet new challenges

more flexibly at lower cost. In An Introduction to IMS, leading IMS experts offer the definitive introduction to the latest versions: IMS 12, 11, and 10. This edition reflects major recent enhancements, including dynamic information generation capabilities; new access, interoperability and development tools; improved SOA support, and more. Not just a complete tutorial, this book provides examples, cases, problems, solutions, glossaries, and more: everything database professionals need to succeed with IMS, regardless of experience.

Matlab

With the pressures to drive transaction processing 24/7 because of online banking and other business demands, IBM® zHyperLink on the IBM DS8880 is making it easy to accelerate transaction processing for the mainframe. This IBM Redpaper™ publication helps you to understand the concepts, business perspectives, and reference architecture of installing, tailoring, and configuring zHyperLink in your own environment.

Db2 for z/OS Utilities in Practice

This is a guide designed to familiarize users with the DB2 standard while helping to optimize their use of the technology.

LOBs with DB2 for Z/OS

In MATLAB, Learn the essential skills needed to use the flexible MATLAB system. You will be able to apply the highly modular system towards the purposes you need by harnessing the power of its different toolboxes. This updated and expanded second edition of Book provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for all those interested in the subject . We hope you find this book useful in shaping your future career & Business.

Getting Started with z/OS Data Set Encryption

This IBM® Redpaper™ publication provides key information about continuous delivery in IBM Db2® 12 for z/OS®. It discusses how continuous delivery works and the changes that have been made in Db2 12 to support continuous delivery, such as adding a new catalog table and changing existing catalog tables. Also the paper covers the effects on applications and how to take advantage of new function provided using the continuous delivery model.

System Programmer's Guide to Workload Manager

IBM z/OS Management Facility V2R3

This IBM® Redbooks® publication gives a broad understanding of IBM IMSTM integration and connectivity solutions to access applications and data stores across your enterprise architecture. As an application developer, architect, systems integrator, or systems programmer, there is important information that is available in this book that pertains to your responsibilities to continue to include the proven performance, data integrity, and workload distribution that is available from IMS in to selected projects that are related to your entire enterprise. This book updates and adds to the information in the following IBM Redbooks publications: IMS e-business Connectors: A Guide to IMS Connectivity, SG24-6514 IMS Connectivity in an On Demand Environment: A Practical Guide to IMS Connectivity, SG24-6794 Powering SOA Solutions with IMS, SG24-7662 IBM IMS Version 12 Technical Overview, SG24-7972 IMS 12: The IMS Catalog, REDP-4812 Rethink Your Mainframe Applications: Reasons and Approaches for Extension, Transformation, and Growth, REDP-4938

Modernize Your IBM DB2 for IBM z/OS Maintenance with Utility Autonomics

The Global Industrial Complex: Systems of Domination, is a groundbreaking collection of essays by leading scholars from wide scholarly and activist backgrounds who examine the entangled array of contemporary industrial complexes—what the editors refer to as "the power complex"—that was first analyzed by C. Wright Mills in his 1956 classic work, *The Power Elite*.

Exploring IBM Db2 for z/OS Continuous Delivery

IBM® zEnterprise® Data Compression (zEDC) capability and the Peripheral Component Interconnect Express (PCIe or PCI Express) hardware adapter called zEDC Express were announced in July 2013 as enhancements to the IBM z/OS® V2.1 operating system (OS) and the IBM zEnterprise EC12 (zEC12) and the IBM zEnterprise BC12 (zBC12). zEDC is optimized for use with large sequential files, and uses an industry-standard compression library. zEDC can help to improve disk usage and optimize cross-platform exchange of data with minimal effect on processor usage. The first candidate for such compression was the System Management Facility (SMF), and support for basic sequential access method (BSAM) and queued sequential access method (QSAM) followed in first quarter 2014. IBM software development kit (SDK) 7 for z/OS Java, IBM Encryption Facility for z/OS, IBM Sterling Connect:Direct® for z/OS and an IBM z/VM® guest can also use zEDC Express. zEDC can also be used for Data Facility Storage Management Subsystem data set services (DFSMSdss) dumps and restores, and for DFSMS hierarchical storage manager (DFSMSHsm) when using DFSMSdss for data moves. This IBM Redbooks® publication describes how to set up the zEDC functionality to obtain the benefits of portability, reduced storage space, and reduced processor use for large operational sets of data with the most current IBM System z® environment.

Database Technology

This IBM® Redpaper publication introduces System Recovery Boost, which is a new

function of the IBM z15™ system. System Recovery Boost delivers substantially faster system shutdown and restart, short duration recovery process boosts for sysplex events, and fast catch-up of an accumulated backlog of work after specific events (such as system restart).

IBM IMS Version 12 Technical Overview

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® IMS™ 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.

New Ways of Running Batch Applications on z/OS: Volume 4 IBM IMS

Essential reference providing best practice of LTE-A, VoLTE, and IoT Design/deployment/Performance and evolution towards 5G This book is a practical guide to the design, deployment, and performance of LTE-A, VoLTE/IMS and IoT. A comprehensive practical performance analysis for VoLTE is conducted based on field measurement results from live LTE networks. Also, it provides a comprehensive introduction to IoT and 5G evolutions. Practical aspects and best practice of LTE-A/IMS/VoLTE/IoT are presented. Practical aspects of LTE-Advanced features are presented. In addition, LTE/LTE-A network capacity dimensioning and analysis are demonstrated based on live LTE/LTE-A networks KPIs. A comprehensive foundation for 5G technologies is provided including massive MIMO, eMBB, URLLC, mMTC, NGCN and network slicing, cloudification, virtualization and SDN. Practical Guide to LTE-A, VoLTE and IoT: Paving the Way Towards 5G can be used as a practical comprehensive guide for best practices in LTE/LTE-A/VoLTE/IoT design, deployment, performance analysis and network architecture and dimensioning. It offers tutorial introduction on LTE-A/IoT/5G networks, enabling the reader to use this advanced book without the need to refer to more introductory texts. Offers a complete overview of LTE and LTE-A, IMS, VoLTE and IoT and 5G Introduces readers to IP Multimedia Subsystems (IMS) Performs a comprehensive evaluation of VoLTE/CSFB Provides LTE/LTE-A network capacity and dimensioning Examines IoT and 5G evolutions towards a super connected world Introduce 3GPP NB-IoT evolution for low power wide area (LPWA) network Provide a comprehensive introduction for 5G evolution including eMBB, URLLC, mMTC, network slicing, cloudification, virtualization, SDN and orchestration Practical Guide to LTE-A, VoLTE and IoT will appeal to all deployment and service engineers, network designers, and planning and optimization engineers working in mobile communications. Also, it is a practical guide for R&D and standardization experts to evolve the LTE/LTE-A, VoLTE and IoT towards 5G

evolution.

Reduce Storage Occupancy and Increase Operations Efficiency with IBM zEnterprise Data Compression

IBM® DB2® Version 11.1 for z/OS® (DB2 11 for z/OS or just DB2 11 throughout this book) is the fifteenth release of DB2 for IBM MVSTM. It brings performance and synergy with the IBM System z® hardware and opportunities to drive business value in the following areas. DB2 11 can provide unmatched reliability, availability, and scalability - Improved data sharing performance and efficiency - Less downtime by removing growth limitations - Simplified management, improved autonomies, and reduced planned outages DB2 11 can save money and save time - Aggressive CPU reduction goals - Additional utilities performance and CPU improvements - Save time and resources with new autonomic and application development capabilities DB2 11 provides simpler, faster migration - SQL compatibility, divorce system migration from application migration - Access path stability improvements - Better application performance with SQL and XML enhancements DB2 11 includes enhanced business analytics - Faster, more efficient performance for query workloads - Accelerator enhancements - More efficient inline database scoring enables predictive analytics The DB2 11 environment is available either for new installations of DB2 or for migrations from DB2 10 for z/OS subsystems only. This IBM Redbooks® publication introduces the enhancements made available with DB2 11 for z/OS. The contents help database administrators to understand the new functions and performance enhancements, to plan for ways to use the key new capabilities, and to justify the investment in installing or migrating to DB2 11.

Subsystem and Transaction Monitoring and Tuning with DB2 11 for z/OS

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 autonomies for DB2 for z/OS. IBM provides several different components that, when combined, can create an autonomic database environment. All these respective components cover certain aspects of autonomies, which can collaborate into one coherent solution. In our evolution of autonomies and the need to move to smarter systems there has been a bigger drive to the concept of "Active" versus "Passive" autonomies. With the inclusion of the IBM Management Console for IMSTM and DB2 for z/OS and the Autonomics Director, it is now easier than ever to make that transition by leveraging the strength of the DB2 Utilities Solution Pack for z/OS all in one standardized and centralized interface. This publication guides you through the business reasons for adopting autonomic solutions, and provides step-by-step guidance to implement these capabilities in your DB2 for z/OS configuration. This publication is of interest primarily to DB2 Database Administrators and DB2 Systems Programmers, and for anyone looking to

understand the benefits of DB2 autonomic solutions.

DB2 11 for z/OS Technical Overview

IBM Problem Determination Tools for z/OS

This carefully compiled and wide-ranging volume of papers written by computer pioneers offers first-hand insight into the research and discovery experiences of legendary scientists such as Hoare, Hartmanis, Stearns, Backus, and Knuth. Coupled with introductory, essays, written by the originating authors where possible, these papers are an ideal source of background research and technical reference. Collectively, they illustrate the impact of pioneering work on the field of modern computer science. They are an excellent companion to undergraduate computer science courses.

Digital Enterprise Technology

The first Digital Enterprise Technology (DET) International Conference was held in Durham, UK in 2002 and the second DET Conference in Seattle, USA in 2004. Sponsored by CIRP (College International pour la Recherche en Productique), the third DET Conference took place in Setúbal, Portugal in 2006. Digital Enterprise Technology: Perspectives and Future Challenges is an edited volume based on this conference. Topics include: distributed and collaborative design, process modeling and process planning, advanced factory equipment and layout design and modeling, physical-to-digital environment integrators, enterprise integration technologies, and entrepreneurship in DET.

Great Papers in Computer Science

IBM® Problem Determination (PD) Tools consists of a core group of IBM products that are designed to work with compilers and run times to provide a start-to-finish development solution for the IT professional. This IBM Redbooks® publication provides you with an introduction to the tools, guidance for program preparation to use with them, an overview of their integration, and several scenarios for their use. If an abend occurs during testing, Fault Analyzer enables the programmer to quickly and easily pinpoint the abending location and optionally, the failing line of code. Many times, this information is all the programmer requires to correct the problem. However, it might be necessary to delve a little deeper into the code to figure out the problem. Debug Tool allows the programmer to step through the code at whatever level is required to determine where the error was introduced or encountered. After the code or data is corrected, the same process is followed again until no errors are encountered. However, volume testing or testing with multiple terminals is sometimes required to ensure real-world reliability. Workload Simulator can be used to perform this type of testing. After all of the tests are completed, running the application by using Application Performance Analyzer can ensure that no performance bottlenecks are encountered. It also provides a baseline to ensure that future enhancements do not introduce new performance degradation into the application. This publication is intended for z/OS® application

developers and system programmers.

The Global Industrial Complex

Introducing IBM Z System Recovery Boost

Virtual Storage Access Method (VSAM) is one of the access methods used to process data. Many of us have used VSAM and work with VSAM data sets daily, but exactly how it works and why we use it instead of another access method is a mystery. This book helps to demystify VSAM and gives you the information necessary to understand, evaluate, and use VSAM properly. This book also builds upon the subject of Record Level Sharing and DFSMStvs. It clarifies VSAM functions for application programmers who work with VSAM. The practical, straightforward approach should dispel much of the complexity associated with VSAM. Wherever possible an example is used to reinforce a description of a VSAM function. This IBM® Redbooks® publication is intended as a supplement to existing product manuals. It is intended to be used as an initial point of reference for VSAM functions.

IBM i 7.1 Technical Overview with Technology Refresh Updates

Cable Networks, Services, and Management

This IBM® Redbooks® publication helps you install, configure, and use the IBM z/OS® Management Facility (z/OSMF). z/OSMF is a product for z/OS that simplifies, optimizes, and modernizes the z/OS system programmer experience. z/OSMF delivers solutions in a task-oriented, web browser-based user interface with integrated user assistance. The goal of z/OSMF is to improve system programmer productivity, and make functions easier to understand and use. This improvement makes system programmers more productive as quickly as possible with the least amount of training. You can automate tasks, reduce the learning curve, and improve productivity through a modern, simplified, and intuitive task-based, browser-based interface. z/OSMF is aimed at a mixed skills workforce: It is suited to professionals who are new to z/OS and those who are skilled in z/OS. Each professional has their own needs and faces their own challenges. Novice system programmer might need to understand the "big picture" and how procedures are done. Novices also need access to documentation about procedures and tasks, and implement them according to the rules of the enterprise. Experienced system programmers are familiar with tasks and procedures. Therefore, the goal is to make their work less error-prone and easier. This goal allows them to be more productive and contribute more to their business. Although z/OS delivered simplification since it was introduced, z/OSMF brings a new dimension and focus to simplification. z/OSMF simplifies and modernizes the user experience and helps make pertinent information readily available and easily accessible.

Information System Technology

The explosive growth of multimedia data transmission has generated a critical need for efficient, high-capacity image databases, as well as powerful search engines to retrieve image data from them. This book brings together contributions by an international all-star team of innovators in the field who share their insights into all key aspects of image database and search engine construction. Readers get in-depth discussions of the entire range of crucial image database architecture, indexing and retrieval, transmission, display, and user interface issues. And, using examples from an array of disciplines, the authors present cutting-edge applications in medical imagery, multimedia communications, earth science, remote sensing, and other major application areas.

DB2 9 for Z/OS Stored Procedures

The requirements for a database management system (DBMS) have included support for very large and complex data objects. DB2 UDB for OS/390 Version 6 introduced the support for large objects (LOBs): they can contain text documents, images, or movies, and can be stored directly in the DBMS with sizes up to 2 gigabytes per object and 65,536 TB for a single LOB column in a 4,096 partition table. The introduction of these new data types has implied some changes in the administration processes and programming techniques. The book *Large Objects with DB2 for z/OS and OS/390, SG24-6571*, introduced and described the usage of LOBs with DB2 for z/OS at Version 7 level. Major enhancements for LOB manipulation have been introduced with DB2 UDB for z/OS Version 8 and DB2 Version 9.1 for z/OS (DB2 9 in this book). These enhancements include performance functions such as the avoidance of LOB locks and DRDA LOB flow optimization, usability functions such as file reference variables, FETCH CONTINUE, and the automatic creation of objects. DB2 utilities provide integrated support with LOAD and UNLOAD, Cross Loader, REORG, CHECK DATA, and CHECK LOB. In this IBM Redbooks publication, we provide a totally revised description of the DB2 functions for LOB support as well as useful information about how to design and implement LOBs. We also offer examples of their use, programming considerations, and the enhanced processes used for their administration and maintenance. We also detail how SAP solutions use LOBs. This book replaces the previous book, *Large Objects with DB2 for z/OS and OS/390, SG24-6571*, for DB2 Version 8 and Version 9.1. Please note that the additional material referenced in the text is not available from IBM.

Image Databases

Today, organizations face tremendous challenges with data explosion and information governance. InfoSphere™ Optim™ solutions solve the data growth problem at the source by managing the enterprise application data. The Optim Data Growth solutions are consistent, scalable solutions that include comprehensive capabilities for managing enterprise application data across applications, databases, operating systems, and hardware platforms. You can align the management of your enterprise application data with your business objectives to improve application service levels, lower costs, and mitigate risk. In this IBM® Redbooks® publication, we describe the IBM InfoSphere Optim Data Growth solutions and a methodology that provides implementation guidance from requirements analysis through deployment and administration planning. We also

discuss various implementation topics including system architecture design, sizing, scalability, security, performance, and automation. This book is intended to provide various systems development professionals, Data Solution Architects, Data Administrators, Modelers, Data Analysts, Data Integrators, or anyone who has to analyze or integrate data structures, a broad understanding about IBM InfoSphere Optim Data Growth solutions. By being used in conjunction with the product manuals and online help, this book provides guidance about implementing an optimal solution for managing your enterprise application data.

System z Parallel Sysplex Best Practices

This IBM® Redbooks® publication provides a broad explanation of data protection through encryption and IBM Z® pervasive encryption with a focus on IBM z/OS® data set encryption. It describes how the various hardware and software components interact in a z/OS data set encryption environment. In addition, this book concentrates on the planning and preparing of the environment and offers implementation, configuration, and operational examples that can be used in z/OS data set encryption environments. This publication is intended for IT architects, system programmer, and security administrators who plan for, deploy, and manage security on the Z platform. The reader is expected to have a basic understanding of IBM Z security concepts.

Getting Started with IBM zHyperLink for z/OS

This IBM® Redbooks® publication is intended for IBM CICS® system programmers and IBM Z architects. It describes how to deploy and manage Java EE 7 web-based applications in an IBM CICS Liberty JVM server and access data on IBM Db2® for IBM z/OS® and IBM MQ for z/OS sub systems. In this book, we describe the key steps to create and install a Liberty JVM server within a CICS region. We then describe how to best use the different deployment techniques for Java EE applications and the specific considerations when deploying applications that use JDBC, JMS, and the new CICS link to Liberty API. Finally, we describe how to secure web applications in CICS Liberty, including transport-level security and request authentication and authorization by using IBM RACF® and LDAP registries. Information is also provided about how to build a high availability infrastructure and how to use the logging and monitoring functions that are available in the CICS Liberty environment. This book is based on IBM CICS Transaction Server (CICS TS) V5.4 that uses the embedded IBM WebSphere® Application Server Liberty technology. It is also applicable to CICS TS V5.3 with the fixes for the continuous delivery APAR PI77502 applied. Sample applications are used throughout this publication and are freely available for download from the IBM CICSDev GitHub organization along with detailed deployment instructions.

IBM DB2 12 for z/OS Technical Overview

This IBM® Redbooks® publication provides both introductory information and technical details about the IBM System z® Personal Development Tool (IBM zPDT®), which produces a small System z environment suitable for application development. zPDT is a PC Linux application. When zPDT is installed (on Linux),

normal System z operating systems (such as IBM z/OS®) can be run on it. zPDT provides the basic System z architecture and emulated IBM 3390 disk drives, 3270 interfaces, OSA interfaces, and so on. The systems that are discussed in this document are complex. They have elements of Linux (for the underlying PC machine), IBM z/Architecture® (for the core zPDT elements), System z I/O functions (for emulated I/O devices), z/OS (the most common System z operating system), and various applications and subsystems under z/OS. The reader is assumed to be familiar with general concepts and terminology of System z hardware and software elements, and with basic PC Linux characteristics. This book provides the primary documentation for zPDT.

IBM ZPDT Guide and Reference

IBM® DB2® 12 for z/OS® delivers key innovations that increase availability, reliability, scalability, and security for your business-critical information. In addition, DB2 12 for z/OS offers performance and functional improvements for both transactional and analytical workloads and makes installation and migration simpler and faster. DB2 12 for z/OS also allows you to develop applications for the cloud and mobile devices by providing self-provisioning, multitenancy, and self-managing capabilities in an agile development environment. DB2 12 for z/OS is also the first version of DB2 built for continuous delivery. This IBM Redbooks® publication introduces the enhancements made available with DB2 12 for z/OS. The contents help database administrators to understand the new functions and performance enhancements, to plan for ways to use the key new capabilities, and to justify the investment in installing or migrating to DB2 12.

DB2 for Z/OS

"This book will focus on residential and commercial services provided by MSOs (Multiple System Operators), the networks supporting these services, and management of networks and services. The book will cover current technologies used by MSOs and future directions pointing out areas requiring further research"--

A Complete Guide to DB2 Universal Database

IMS Integration and Connectivity Across the Enterprise

This IBM® Redpaper™ publication discusses the need to monitor and measure different workloads, especially mobile workloads. It introduces the workload classification capabilities of IBM z Systems™ platforms and helps you to understand how recent enhancements to IBM MVSTM Workload Management (WLM) and other IBM software products can be used to measure the processor cost of mobile workloads. This paper looks at how mobile-initiated and other transactions in IBM CICS®, IMSTM, DB2®, and WebSphere® Application Server can be "tagged and tracked" using WLM. For each of these subsystems, the options for classifying mobile requests and using WLM to measure mobile workloads are reviewed. A scenario is considered in which a bank is witnessing a significant growth in mobile initiated transactions, and wants to monitor and

measure the mobile channels more closely. This paper outlines how the bank can use WLM to do this. This publication can help you to configure WLM mobile classification rules. It can also help you to interpret Workload Activity reports from IBM RMFTM Post Processor and to report on the CPU consumption of different workloads, including mobile and public cloud workloads.

Liberty in IBM CICS: Deploying and Managing Java EE Applications

This book presents the methodologies and for embedded systems design, using field programmable gate array (FPGA) devices, for the most modern applications. Coverage includes state-of-the-art research from academia and industry on a wide range of topics, including applications, advanced electronic design automation (EDA), novel system architectures, embedded processors, arithmetic, and dynamic reconfiguration.

Using IBM z/OS WLM to Measure Mobile and Other Workloads

VSAM Demystified

IBM® Information Management System (IMSTM) provides leadership in performance, reliability, and security to help you implement the most strategic and critical enterprise applications. IMS also keeps pace with the IT industry. IMS, Enterprise Suite 2.1, 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. Manageability enhancements help optimize system staff productivity by improving ease of use and autonomic computing facilities and by providing increased availability. Scalability improvements have been made to the well-known performance, efficiency, availability, and resilience of IMS by using 64-bit storage. IBM IMS Enterprise Suite for z/OS® V2.1 components enhance the use of IMS applications and data. In this release, components (either orderable or downloaded from the web) deliver innovative new capabilities for your IMS environment. They enhance connectivity, expand application development, extend standards and tools for a service-oriented architecture (SOA), ease installation, and provide simplified interfaces. This IBM Redbooks® publication explores the new features of IMS 12 and Enterprise Suite 2.1 and provides an overview of the IMS tools. In addition, this book highlights the major new functions and facilitates database administrators in their planning for installation and migration.

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