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Toxic Substances Control Act (TSCA) Chemical Substance Inventory: User guide and indices to the initial inventory : Substance name index User guide and indices to the initital inventory, substance name index **Subject Encyclopedias: User guide, review citations** Desktop User Guide for MicroStrategy 10 **Toxic Substances Control Act (TSCA) Chemical Substance Inventory: User guide and indices to the initial inventory : Molecular formula and UVCB indices to the initial inventory** The Emulation User's Guide **The Amstrad Notepad Advanced User Guide Fedora 13 Security-Enhanced Linux User Guide** *WEFAX User's Guide Linear Static Analysis User's Guide* **Autodesk Arnold Render User Guide for MAYA Solid Modeling Aerospace Research Tool (SMART) User's Guide, Version 2.0 EMBOSS User's Guide** *DIR--directory of information resources user's guide* **A User's Guide to Measure Theoretic Probability IBM TS7700 Release 5.2.2 Guide ISPF Programmer's Guide** User's Guide to Herbal Remedies **IBM z14 (3906) Technical Guide** NPARC V3.1 User's Guide **A User's Guide to Spectral Sequences SPSS X User's Guide A user's guide to CGNS** IBM z15 (8562) Technical Guide IMS 12 Selected Performance Topics **OSA-Express Implementation Guide Duik Bassel - User Guide** IBM zEnterprise 114 Technical Guide **IBM zEnterprise BC12 Technical Guide** *Z User Workshop, London 1992 Introduction to the New Mainframe: Security* **IBM z13s Technical Guide** NetCDF User's Guide Merging Systems into a Sysplex **User's Guide to the Physical Habitat Simulation System (PHABSIM)** *IBM z13 Configuration Setup* **IBM Virtualization Engine TS7700 with R 2.0 User's Guide to PHREEQC IBM zEnterprise EC12 Technical Guide Pressure Visualization (PreViz) Package Version 1.0 User's Guide**

IBM z14 (3906) Technical Guide Apr 17 2021 This IBM® Redbooks® publication describes the new member of the IBM Z® family, IBM z14TM. IBM z14 is the trusted enterprise platform for pervasive encryption, integrating data, transactions, and insights into the data. A data-centric infrastructure must always be available with a 99.999% or better availability, have flawless data integrity, and be secured from misuse. It also must be an integrated infrastructure that can support new applications. Finally, it must have integrated capabilities that can provide new mobile capabilities with real-time analytics that are delivered by a secure cloud infrastructure. IBM z14 servers are designed with improved scalability, performance, security, resiliency, availability, and virtualization. The superscalar design allows z14 servers to deliver a record level of capacity over the prior IBM Z platforms. In its maximum configuration, z14 is powered by up to 170 client characterizable microprocessors (cores) running at 5.2 GHz. This configuration can run more than 146,000 million instructions per second (MIPS) and up to 32 TB of client memory. The IBM z14 Model M05 is estimated to provide up to 35% more total system capacity than the IBM z13® Model NE1. This Redbooks publication provides information about IBM z14 and its functions, features, and associated software support. More information is offered in areas that are relevant to technical planning. It is intended for systems engineers, consultants, planners, and anyone who wants to understand the IBM Z servers functions and plan for their usage. It is intended as an introduction to mainframes. Readers are expected to be generally familiar with existing IBM Z technology and terminology.

A User's Guide to Measure Theoretic Probability Aug 22 2021 This book grew from a one-semester course offered for many years to a mixed audience of graduate and undergraduate students who have not had the luxury of taking a course in measure theory. The core of the book covers the basic topics of independence, conditioning, martingales, convergence in distribution, and Fourier transforms. In addition there are numerous sections treating topics traditionally thought of as more advanced, such as coupling and the KMT strong approximation, option pricing via the equivalent martingale measure, and the isoperimetric inequality for Gaussian processes. The book is not just a presentation of mathematical theory, but is also a discussion of why that theory takes its current form. It will be a secure starting point for anyone who needs to invoke rigorous probabilistic arguments and understand what they mean.

ISPF Programmer's Guide Jun 19 2021 This book is intended to support ISPF application programmers to become professional in the smart programming of ISPF applications using the REXX language. The contents are presented in a modular manner to suit reading with heterogeneous ISPF programming knowledge. The following topics are covered: Introduction to the programming language REXX as well as to ISPF programming, data processing in ISPF applications, use of messages, panels, skeletons, tables, ISPF variables and an introduction to creating and applying edit macros. Each theme is vividly illustrated by programming examples. The Smart ISPF Utilities contain some very useful programming aids that are often useful when programming ISPF applications. The book serves as a textbook as well as a manual for daily work. Many cross-references are included as well as an extensive index. Moreover, the author gives many helpful hints and tips on smart ISPF programming practices. The Smart ISPF Utilities contain many useful programming aids.

OSA-Express Implementation Guide Sep 10 2020 This IBM® Redbooks® publication will help you to install, tailor, and configure the Open Systems Adapter (OSA) features that are available on IBM zEnterprise® servers. It focuses on the hardware installation and the software definitions that are necessary to provide connectivity to LAN environments. This information will help you with planning and system setup. This book also includes helpful utilities and commands for monitoring and managing the OSA features. This information will be helpful to systems engineers, network administrators, and system programmers who plan for and install OSA features. The reader is expected to have a good understanding of IBM System z® hardware, Hardware Configuration Definition (HCD) or the input/output configuration program (IOCP), Open Systems Adapter Support Facility (OSA/SF), Systems Network Architecture/Advanced Peer-to-Peer Networking (SNA/APPN), and TCP/IP protocol.

IBM z13s Technical Guide Mar 05 2020 Digital business has been driving the transformation of underlying information technology (IT) infrastructure to be more efficient, secure, adaptive, and integrated. IT must be able to handle the explosive growth of mobile clients and employees. It also must be able to process enormous amounts of data to provide deep and real-time insights to help achieve the greatest business impact. This IBM® Redbooks® publication addresses the new IBM z SystemsTM single frame, the IBM z13s server. IBM z Systems servers are the trusted enterprise platform for integrating data, transactions, and insight. A data-centric infrastructure must always be available with a 99.999% or better availability, have flawless data integrity, and be secured from misuse. It needs to be an integrated infrastructure that can support new applications. It also needs to have integrated capabilities that can provide new mobile capabilities with real-time analytics delivered by a secure cloud infrastructure. IBM z13s servers are designed with improved scalability, performance, security, resiliency, availability, and virtualization. The superscalar design allows z13s servers to deliver a record level of capacity over the prior single frame z Systems server. In its maximum configuration, the z13s server is powered by up to 20 client characterizable microprocessors (cores) running at 4.3 GHz. This configuration can run more than 18,000 millions of instructions per second (MIPS) and up to 4 TB of client memory. The IBM z13s Model N20 is estimated to provide up to 100% more total system capacity than the IBM zEnterprise® BC12 Model H13. This book provides information about the IBM z13s server and its functions, features, and associated software support. Greater detail is offered in areas relevant to technical planning. It is intended for systems engineers, consultants, planners, and anyone who wants to understand the IBM z SystemsTM functions and plan for their usage. It is not intended as an introduction to mainframes. Readers are expected to be generally familiar with existing IBM z Systems technology and terminology.

Z User Workshop, London 1992 May 07 2020 The Z notation has been developed at the Programming Research Group at the Oxford University Computing Laboratory and elsewhere for over a decade. It is now used by industry as part of the software (and hardware) development process in both Europe and the USA. It is currently undergoing BSI

standardisation in the UK, and has been proposed for ISO standardisation internationally. In recent years researchers have begun to focus increasingly on the development of techniques and tools to encourage the wider application of Z and other formal methods and notations. This volume contains papers from the Seventh Annual Z User Meeting, held in London in December 1992. In contrast to previous years the meeting concentrated specifically on industrial applications of Z, and a high proportion of the participants came from an industrial background. The theme is well represented by the four invited papers. Three of these discuss ways in which formal methods are being introduced, and the fourth presents an international survey of industrial applications. It also provides a reminder of the improvements which are needed to make these methods an accepted part of software development. In addition the volume contains several submitted papers on the industrial use of Z, two of which discuss the key area of safety-critical applications. There are also a number of papers related to the recently-completed ZIP project. The papers cover all the main areas of the project including methods, tools, and the development of a Z Standard, the first publicly-available version of which was made available at the meeting. Finally the volume contains a select Z bibliography, and section on how to access information on Z through comp.specification.z, the international, computer-based USENET newsgroup. Z User Workshop, London 1992 provides an important overview of current research into industrial applications of Z, and will provide invaluable reading for researchers, postgraduate students and also potential industrial users of Z.

Duik Bassel - User Guide Aug 10 2020 "Duik is a free script for the Animation software Adobe After Effects. It eases character, props, and camera animation. Duik creates rigs which allow the animator to manipuate the characters in a very intuitive way. Created in 2009 in France, very simple at its beginning, Duik is now very complete and has an international success; it is used to create TV series, advertising, motion design, video games, music videos, short mopvies and feature films. It is used in many companies all around the world. Duik is free software (open source), since its creation, and the new version Duik Bassel, was financed by a crowdfunding campaign which was a great success in the beginning of 2017. This success allowed a complete renovation with a lot of new features and improvements, while creating a large international community of users."--Back cover

IBM zEnterprise 114 Technical Guide Jul 09 2020 The popularity of the Internet and the affordability of IT hardware and software have resulted in an explosion of applications, architectures, and platforms. Workloads have changed. Many applications, including mission-critical ones, are deployed on a variety of platforms, and the System z® design has adapted to this change. It takes into account a wide range of factors, including compatibility and investment protection, to match the IT requirements of an enterprise. This IBM® Redbooks® publication discusses the IBM zEnterprise System, an IBM scalable mainframe server. IBM is taking a revolutionary approach by integrating separate platforms under the well-proven System z hardware management capabilities, while extending System z qualities of service to those platforms. The zEnterprise System consists of the IBM zEnterprise 114 central processor complex, the IBM zEnterprise Unified Resource Manager, and the IBM zEnterprise BladeCenter® Extension. The z114 is designed with improved scalability, performance, security, resiliency, availability, and virtualization. The z114 provides up to 18% improvement in uniprocessor speed and up to a 12% increase in total system capacity for z/OS®, z/VM®, and Linux on System z over the z10TM Business Class (BC). The zBX infrastructure works with the z114 to enhance System z virtualization and management through an integrated hardware platform that spans mainframe, POWER7TM, and System x technologies. The federated capacity from multiple architectures of the zEnterprise System is managed as a single pool of resources, integrating system and workload management across the environment through the Unified Resource Manager. This book provides an overview of the zEnterprise System and its functions, features, and associated software support. Greater detail is offered in areas relevant to technical planning. This book is intended for systems engineers, consultants, planners, and anyone wanting to understand the zEnterprise System functions and plan for their usage. It is not intended as an introduction to mainframes. Readers are expected to be generally familiar with existing IBM System z technology and terminology.

The Emulation User's Guide May 31 2022 The Emulation User's Guide has everything you need to know about getting started with computer, console and arcade emulation on the Apple Macintosh computer and PC. This guide includes the history of emulation on the Internet and covers some of the legalities involving emulation of these systems.

NPARC V3.1 User's Guide Mar 17 2021

User's Guide to the Physical Habitat Simulation System (PHABSIM) Dec 02 2019

User's Guide to Herbal Remedies May 19 2021 In this overview of the most popular herbs, Hyla Cass describes the top ten herbal supplements. Among them are echinacea to boost the immune system during cold and flu season, ginseng to increase energy levels, St. Johns wort to elevate mood, and saw palmetto to prevent prostate disease. Dr. Cass also provides clear guidelines for how to safely use herbal remedies.

Toxic Substances Control Act (TSCA) Chemical Substance Inventory: User guide and indices to the initial inventory : Substance name index Nov 05 2022

IBM Virtualization Engine TS7700 with R 2.0 Sep 30 2019 This IBM® Redbooks® publication highlights TS7700 Virtualization Engine Release 2.0. It is intended for system architects who want to integrate their storage systems for smoother operation. The IBM Virtualization Engine TS7700 offers a modular, scalable, and high-performing architecture for mainframe tape virtualization for the IBM System z® environment. It integrates 3592 Tape Drives, high-performance disks, and the new IBM System p® server into a storage hierarchy. This storage hierarchy is managed by robust storage management firmware with extensive self-management capability. It includes the following advanced functions: Policy management to control physical volume pooling Cache management Dual copy, including across a grid network Copy mode control The TS7700 Virtualization Engine offers enhanced statistical reporting. It also includes a standards-based management interface for TS7700 Virtualization Engine management. The new IBM Virtualization Engine TS7700 Release 2.0 introduces the next generation of TS7700 Virtualization Engine servers for System z tape: IBM Virtualization Engine TS7720 Server Model VEB IBM Virtualization Engine TS7740 Server Model V07 These Virtualization Engines are based on IBM POWER7® technology. They offer improved performance for most System z tape workloads compared to the first generation of TS7700 Virtualization Engine servers.

Subject Encyclopedias: User guide, review citations Sep 03 2022 This useful two-volume set will provide buyers of subject encyclopedias with a substantial amount of valuable information they can use in making their purchasing decisions. It will also provide all types of librarians and their patrons with a quick, one-stop method for locating the appropriate subject encyclopedias for their needs and for locating articles in the 100 encyclopedias. Librarians who specialize in bibliographic instruction will also find it to be a useful tool for teaching students how to locate needed information.

Introduction to the New Mainframe: Security Apr 05 2020 This book provides students of information systems with the background knowledge and skills necessary to begin using the basic security facilities of IBM System z. It enables a broad understanding of both the security principles and the hardware and software components needed to insure that the mainframe resources and environment are secure. It also explains how System z components interface with some non-System z components. A multi-user, multi-application, multi-task environment such as System z requires a different level of security than that typically encountered on a single-user platform. In addition, when a mainframe is connected in a network to other processors, a multi-layered approach to security is recommended. Students are assumed to have successfully completed introductory courses in computer system concepts. Although this course looks into all the operating systems on System z, the main focus is on IBM z/OS. Thus, it is strongly recommended that students have also completed an introductory course on z/OS. Others who will benefit from this course include experienced data processing professionals who have worked with non-mainframe-based platforms, as well as those who are familiar with some aspects of the mainframe environment or applications but want to learn more about the security and integrity facilities and advantages offered by the mainframe environment.

User guide and indices to the initital inventory, substance name index Oct 04 2022

SPSS X User's Guide Jan 15 2021 Contains Documentation for the Following SPSS Facilities: Tablebuilder, Matrix, Probit, Plot, Alscat, Cluster, Quick Cluster, Lisrel & Hilog

EMBOSS User's Guide Oct 24 2021 The

European Molecular Biology Open Software Suite (EMBOSS) is a well established, high quality package of open source software tools for molecular biology. It includes over 200 applications for molecular sequence analysis and general bioinformatics including sequence alignment, rapid database searching and sequence retrieval, motif identification and pattern analysis and much more. The EMBOSS User's Guide is the official and definitive guide to the package, containing comprehensive information and practical instructions from the people who developed it: • No prior experience with EMBOSS necessary • Set up and maintenance - get up and running quickly • Hands-on tutorial - learn EMBOSS the easy way, by working through practical examples • Data types and file formats - learn about the biological data that can be manipulated and analysed • In-depth explanation of the EMBOSS command line - learn advanced 'power user' features • Practical guides to popular EMBOSS GUIs (wEMBOSS and Jemboss)

A User's Guide to Spectral Sequences Feb 13 2021 Spectral sequences are among the most elegant and powerful methods of computation in mathematics. This book describes some of the most important examples of spectral sequences and some of their most spectacular applications. The first part treats the algebraic foundations for this sort of homological algebra, starting from informal calculations. The heart of the text is an exposition of the classical examples from homotopy theory, with chapters on the Leray-Serre spectral sequence, the Eilenberg-Moore spectral sequence, the Adams spectral sequence, and, in this new edition, the Bockstein spectral sequence. The last part of the book treats applications throughout mathematics, including the theory of knots and links, algebraic geometry, differential geometry and algebra. This is an excellent reference for students and researchers in geometry, topology, and algebra.

The Amstrad Notepad Advanced User Guide Apr 29 2022

IBM TS7700 Release 5.2.2 Guide Jul 21 2021 This IBM® Redbooks® publication covers IBM TS7700 R5.2. The IBM TS7700 is part of a family of IBM Enterprise tape products. This book is intended for system architects and storage administrators who want to integrate their storage systems for optimal operation. Building on 25 years of experience, the R5.2 release includes many features that enable improved performance, usability, and security. Highlights include IBM TS7700 Advanced Object Store, an all flash TS7770, grid resiliency enhancements, and Logical WORM retention. By using the same hierarchical storage techniques, the TS7700 (TS7770 and TS7760) can also off load to object storage. Because object storage is cloud-based and accessible from different regions, the TS7700 Cloud Storage Tier support essentially allows the cloud to be an extension of the grid. As of this writing, the TS7700C supports the ability to off load to IBM Cloud® Object Storage, Amazon S3, and RSTOR. This publication explains features and concepts that are specific to the IBM TS7700 as of release R5.2. The R5.2 microcode level provides IBM TS7700 Cloud Storage Tier enhancements, IBM DS8000® Object Storage enhancements, Management Interface dual control security, and other smaller enhancements. The R5.2 microcode level can be installed on the IBM TS7770 and IBM TS7760 models only. Note: The latest Release 5.2 was split into two phases: R5.2 Phase 1 (also referred to as and) R5.2 Phase 2 (and R) TS7700 provides tape virtualization for the IBM z environment. Off loading to physical tape behind a TS7700 is used by hundreds of organizations around the world. Tape virtualization can help satisfy the following requirements in a data processing environment. New and existing capabilities of the TS7700 5.2.2 release includes the following highlights: Eight-way Grid Cloud, which consists of up to three generations of TS7700 Synchronous and asynchronous replication of virtual tape and TCT objects Grid access to all logical volume and object data that is independent of where it exists An all-flash TS7770 option for improved performance Full Advanced Object Store Grid Cloud support of DS8000 Transparent Cloud Tier Full AES256 encryption for data that is in-flight and at-rest Tight integration with IBM Z® and DFSMS policy management DS8000 Object Store AES256 in-flight encryption and compression Regulatory compliance through Logical WORM and LWORM Retention support Cloud Storage Tier support for archive, logical volume version, and disaster recovery Optional integration with physical tape 16 Gb IBM FICON® throughput that exceeds 5 GBps per TS7700 cluster Grid Resiliency Support with Control Unit Initiated Reconfiguration (CUIR) support IBM Z hosts view up to 3,968 common devices per TS7700 grid TS7770 Cache On-demand feature that is based capacity licensing TS7770 support of SSD within the VED server The TS7700T writes data by policy to physical tape through attachment to high-capacity, high-performance IBM TS1160, IBM TS1150, and IBM TS1140 tape drives that are installed in an IBM TS4500 or TS3500 tape library. The TS7770 models are based on high-performance and redundant IBM POWER9TM technology. They provide improved performance for most IBM Z tape workloads when compared to the previous generations of IBM TS7700.

IBM z15 (8562) Technical Guide Nov 12 2020 This IBM® Redbooks® publication describes the features and functions the latest member of the IBM Z® platform, the IBM z15TM Model T02 (machine type 8562). It includes information about the IBM z15 processor design, I/O innovations, security features, and supported operating systems. The z15 is a state-of-the-art data and transaction system that delivers advanced capabilities, which are vital to any digital transformation. The z15 is designed for enhanced modularity, which is in an industry standard footprint. This system excels at the following tasks: Making use of multicloud integration services Securing data with pervasive encryption Accelerating digital transformation with agile service delivery Transforming a transactional platform into a data powerhouse Getting more out of the platform with IT Operational Analytics Accelerating digital transformation with agile service delivery Revolutionizing business processes Blending open source and Z technologies This book explains how this system uses new innovations and traditional Z strengths to satisfy growing demand for cloud, analytics, and open source technologies. With the z15 as the base, applications can run in a trusted, reliable, and secure environment that improves operations and lessens business risk.

A user's guide to CGNS Dec 14 2020

IBM zEnterprise EC12 Technical Guide Jul 29 2019 The popularity of the Internet and the affordability of IT hardware and software have resulted in an explosion of applications, architectures, and platforms. Workloads have changed. Many applications, including mission-critical ones, are deployed on various platforms, and the IBM® System z® design has adapted to this change. It takes into account a wide range of factors, including compatibility and investment protection, to match the IT requirements of an enterprise. This IBM Redbooks® publication addresses the new IBM zEnterprise® System. This system consists of the IBM zEnterprise EC12 (zEC12), an updated IBM zEnterprise Unified Resource Manager, and the IBM zEnterprise BladeCenter® Extension (zBX) Model 003. The zEC12 is designed with improved scalability, performance, security, resiliency, availability, and virtualization. The superscalar design allows the zEC12 to deliver a record level of capacity over the prior System z servers. It is powered by 120 of the world's most powerful microprocessors. These microprocessors run at 5.5 GHz and are capable of running more than 75,000 millions of instructions per second (MIPS). The zEC12 Model HA1 is estimated to provide up to 50% more total system capacity than the IBM zEnterprise 196 (z196) Model M80. The zBX Model 003 infrastructure works with the zEC12 to enhance System z virtualization and management. It does so through an integrated hardware platform that spans mainframe, IBM POWER7®, and IBM System x® technologies. Through the Unified Resource Manager, the zEnterprise System is managed as a single pool of resources, integrating system and workload management across the environment. This book provides information about the zEnterprise System and its functions, features, and associated software support. Greater detail is offered in areas relevant to technical planning. It is intended for systems engineers, consultants, planners, and anyone who wants to understand the zEnterprise System functions and plan for their usage. It is not intended as an introduction to mainframes. Readers are expected to be generally familiar with existing IBM System z® technology and terminology.

WEFAX User's Guide Feb 25 2022

Desktop User Guide for MicroStrategy 10 Aug 02 2022

Linear Static Analysis User's Guide Jan 27 2022

Toxic Substances Control Act (TSCA) Chemical Substance Inventory: User guide and indices to the initial inventory : Molecular formula and UVCB indices to the initial inventory Jul 01 2022

Solid Modeling Aerospace Research Tool (SMART) User's Guide, Version 2.0 Nov 24 2021

Pressure Visualization (PreViz) Package Version 1.0 User's Guide Jun 27 2019

DIR--directory of information resources user's guide Sep 22 2021

Fedora 13 Security-Enhanced Linux User Guide Mar 29 2022 The Fedora 13 SELinux user guide is for people with minimal or no experience with SELinux. ... This guide

provides an introduction to fundamental concepts and practical applications of SELinux. After reading this guide you should have an intermediate understanding of SELinux--P. 8.

Autodesk Arnold Render User Guide for MAYA Dec 26 2021 Arnold Arnold is an advanced cross-platform rendering library, or API, used by a number of prominent organizations in film, television, and animation, including Sony Pictures Imageworks. It was developed as a photo-realistic, physically-based ray tracing alternative to traditional scanline based rendering software for CG animation. Arnold uses cutting-edge algorithms that make the most effective use of your computer's hardware resources: memory, disk space, multiple processor cores, and SIMD/SSE units. The Arnold architecture was designed to easily adapt to existing pipelines. It is built on top of a pluggable node system; users can extend and customize the system by writing new shaders, cameras, filters, and output driver nodes, as well as procedural geometry, custom ray types and user-defined geometric data. The primary goal of the Arnold architecture is to provide a complete solution as a primary renderer for animation and visual effects. However, Arnold can also be used as: A ray server for traditional scanline renderers. A tool for baking/procedural generation of lighting data (lightmaps for videogames). An interactive rendering and relighting tool.

Merging Systems into a Sysplex Jan 03 2020 This IBM Redbooks publication provides information to help Systems Programmers plan for merging systems into a sysplex. zSeries systems are highly flexibile systems capable of processing many workloads. As a result, there are many things to consider when merging independent systems into the more closely integrated environment of a sysplex. This book will help you identify these issues in advance and thereby ensure a successful project.

User's Guide to PHREEQC Aug 29 2019

IMS 12 Selected Performance Topics Oct 12 2020 IBM® Information Management System (IMSTM) provides leadership in performance, reliability, and security to help you implement the most strategic and critical enterprise applications. IMS, IMS utilities, and IMS tools continue to evolve to provide value and meet the needs of enterprise customers. With IMS 12, integration and open access improvements provide flexibility and support business growth requirements. Scalability improvements have been made to the well-known performance, efficiency, availability, and resilience of IMS by using 64-bit storage. In this IBM Redbooks® publication we provide IMS performance monitoring and tuning information by describing the key IMS performance functions and by showing how to monitor and tune them with traditional and new strategic applications. This book is for database administrators and system programmers. We summarize methods and tools for monitoring and tuning IMS systems, describe IMS system-wide performance, database, and transaction considerations. Based on lab measurements, we provide information about recent performance enhancements that are available with IMS 12, and advice about setting performance-related parameters.

IBM zEnterprise BC12 Technical Guide Jun 07 2020 The popularity of the Internet and the affordability of information technology (IT) hardware and software have resulted in an explosion dramatic increase in the number of applications, architectures, and platforms. Workloads have changed. Many applications, including mission-critical ones, are deployed on a variety of platforms, and the IBM® System z® design has adapted to this change. It takes into account a wide range of factors, including compatibility and investment protection, to match the IT requirements of an enterprise. This IBM Redbooks® publication provides information about the IBM zEnterprise® BC12 (zBC12), an IBM scalable mainframe server. IBM is taking a revolutionary approach by integrating separate platforms under the well-proven System z hardware management capabilities, while extending System z qualities of service to those platforms. The zEnterprise System consists of the zBC12 central processor complex, the IBM zEnterprise Unified Resource Manager, and the IBM zEnterprise BladeCenter® Extension (zBX). The zBC12 is designed with improved scalability, performance, security, resiliency, availability, and virtualization. The zBC12 provides the following improvements over its predecessor, the IBM zEnterprise 114 (z114): Up to a 36% performance boost per core running at 4.2 GHz Up to 58% more capacity for traditional workloads Up to 62% more capacity for Linux workloads The zBX infrastructure works with the zBC12 to enhance System z virtualization and management through an integrated hardware platform that spans mainframe, IBM POWER7®, and IBM System x® technologies. The federated capacity from multiple architectures of the zEnterprise System is managed as a single pool of resources, integrating system and workload management across the environment through the Unified Resource Manager. This book provides an overview of the zBC12 and its functions, features, and associated software support. Greater detail is offered in areas relevant to technical planning. This book is intended for systems engineers, consultants, planners, and anyone who wants to understand zEnterprise System functions and plan for their usage. It is not intended as an introduction to mainframes. Readers are expected to be generally familiar with existing IBM System z technology and terminology.

NetCDF User's Guide Feb 02 2020

IBM z13 Configuration Setup Oct 31 2019 This IBM® Redbooks® publication helps you install, configure, and maintain the IBM z13TM. The z13 offers new functions that require a comprehensive understanding of the available configuration options. This book presents configuration setup scenarios, and describes implementation examples in detail. This publication is intended for systems engineers, hardware planners, and anyone who needs to understand IBM z SystemsTM configuration and implementation. Readers should be generally familiar with current IBM z Systems technology and terminology. For details about the functions of the z13, see IBM z13 Technical Introduction, SG24-8250 and IBM z13 Technical Guide, SG24-8251.