Z/OS FOR E-BUSINESS pdf

1: A Short History of DB2 for z/OS - Database Trends and Applications

E-Business Server is designed for companies that require the highest levels of protection for data stored internally, transmitted within the organization, and distributed beyond its firewalls. Hundreds of organizations rely on this cross-platform encryption tool every day.

Noncustomized items CD-ROMs, memos, hardcopy publications will be shipped via the stand-alone product. Ship dates for orders will be based on order sequence, Customized Offering selected, production capability, and customer-requested arrival date. Due to the amount of customization of ServerPac orders, shipments will begin approximately two weeks after general availability. Due to the amount of additional customization of SystemPac orders, shipments will begin approximately four weeks after order and data input verification. Proceed to select the feature numbers listed, which are required, and then select any optional feature numbers. The features below have associated monthly license charge MLC features. Refer to notes for past announcements containing this information. Noncustomized items CD-ROMs, memos, hardcopy publications will continue to be shipped via the stand-alone product. The media type for the above items is chosen during customized offering ordering procedure. Basic Publications One copy of the following publications is supplied automatically with the basic machine-readable material: A planning for installation wizard is also available on the Web: It is also available in hardcopy for a fee. For customers in 23 countries, the IBM Publications Center is offering a new option to order hardcopy publications or softcopy collections by customer number. Check to see if this option is available in your country. For other publications ordering options, visit: SoftCopy Librarian, a free program that is provided on the softcopy tools disc of the CD-ROM collections, provides you with management functions for your bookshelves and document files. Of course, you can also use SoftCopy Librarian to support other products that might require host repositories. SoftCopy Librarian runs on Windows workstations. The latest versions of the SoftCopy Librarian can be downloaded from the following site: The media type is chosen during the customized offering ordering procedure. The above features can be exported outside the United States. These features should be ordered during this release cycle, since they are not automatically included in all orders, due to need for export regulation tracking. The above feature descriptions are offered at no additional charge. A monthly license charge MLC is associated with these. Refer to the following notes for additional information. Content for source media is as follows: Base source code contains source for elements: To order the following softcopy collection, specify the one-time charge for the feature. The charge is for one copy of the item offered; it is not for a subscription. No optional licensed hardcopy or softcopy publications are available for ordering by feature numbers, for inclusion in the product package shipment. Information about ordering the licensed softcopy collection and accessing IBM Resource Link is provided on the following Web site: Non-customized items CDs, diskettes, source media, media kits will continue to be shipped via the stand-alone product. Yes Current charges are unaffected by this announcement. Shipments will begin after the planned availability date. Windows is a registered trademark of Microsoft Corporation.

2: IBM z/OS.e V and z/OS.e -- Brings Affordability to Enterprise and e-business Applications

SDS E-Business Server for z/OS and USS is available for upgrades. Additional features include improved key management and new encryption tools.

Version 1 Release 2 was announced on February 4, and was released for general availability a month later on March 7, Can you imagine waiting only a month for a new release of DB2 these days? But that is how it happened back then. Versions are major changes, whereas releases are not quite as significant as a version. Version 2 Release 1 was announced in April and delivered in September Here we start to see the gap widening again between announcement and delivery. V2R1 was a significant release in the history of DB2, a bellwether of sorts for when DB2 began to be viewed as capable of supporting mission critical, transaction processing workloads. Not only did V2R1 provide many performance enhancements but it also signaled the introduction of declarative Referential Integrity RI constraints. But it was not until a year later that it became generally available on September 23, DB2 V2R2 again bolstered performance in many ways. It also saw the introduction of distributed database support private protocol across MVS systems. Version 2 Release 3 was announced on September 5, and became generally available on October 25, Two very significant features were added in V2R3: Segmented table spaces quickly became a de facto standard and packages made DB2 application programs easier to support. Now it may look like things sped up again here, but not really. This is when the early support program for DB2 started. Early support was announced in March and delivered to customers in June V3 greatly expanded the number of buffer pool options available from 5 pools to 80 , and many advances were made for DB2 to take better advantage of the System environment, including support for hardware assisted compression and hiperpools. Version 4 signaled another significant milestone in the history of DB2. It was highlighted by the introduction of Type 2 indexes, which removed the need to lock index pages or subpages, now obsolete. Prior to V4, index locking was a particularly thorny performance problem that vexed many shops. In June DB2 Version 5 became generally available. Not as significant as V4, we see the trend of even-numbered releases being bigger and more significant than odd numbered releases of course, that is just my opinion. Version 6 brings us to and the introduction of the Universal Database term to the DB2 moniker. And the Release Guide swelled to over pages! Six categories of improvements were introduced with V6 spanning object-relational extensions, network computing, performance and availability, capacity improvements, data sharing enhancements, and user productivity. The biggest of the new features were SQLJ, inline statistics, triggers, large objects LOBs , user-defined functions, and distinct types. It added functionality to DB2 without there being a new release or version. Developed and released around the time of the Year hubbub, it offered much improved utilities and some nice new SQL functionality including scrollable cursors, limited FETCH, and row expressions. Unicode support was also introduced in Db2 V7. DB2 Version 8 followed, but not immediately. IBM took advantage of Y2K and the general desire of shops to avoid change during this period to take its time and deliver the most significant and feature-laden version of DB2 ever. V8 had more new lines of code than DB2 V1R1 had total lines of code! The XML is stored natively as a new data types that can be searched and analyzed without the need to reformat it. The approach is novel in that it will support native XML, basically enabling dual storage engines. In these two versions we have seen a lot of new functionality, including: Of course, we did not cover every new feature and capability of each version and release, only the highlights. Perhaps this journey back through time will help you to remember when you jumped on board with DB2 and relational database technology. I am happy to have been associated with DB2 for its first 30 years and I look forward to many more years of working with DB2 â€¦.

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3: DB2 10 - Introduction - What is DB2 for z/OS for z/OS?

DB2 for z/OS is the enterprise data server for IBM Z. It manages core business data across an enterprise and supports key business applications. It manages core business data across an enterprise and supports key business applications.

The reinvented mainframe is built to handle the unpredictable demands of e-business, allowing thousands of servers to operate within one box. Software fees will be based on need rather than total system capacity, providing customers the flexibility to pay for what they use in an e-business world that is characterized by highly volatile swings in demand. The z will allow customers to push performance and connectivity to the outer limits without any concessions to reliability and security. Functioning like thousands of servers within the server, resources shift automatically to the applications that need them. On most servers these adjustments must be made manually or are limited to a single logical or even physical partition. In addition, the z has self-healing capabilities. It continuously monitors itself and can automatically detect and correct errors, allowing applications to run without interruption. The hottest applications get the resources they need when they need them. In the past, this has required a large number of servers and a huge investment in real estate. Now, however, these customers can save by using one z to do the same job, replacing a football field full of Sun or HP servers. These capabilities allow customers the ability to add system capacity and grow without necessarily being charged more. Instead software can be licensed based on need. Rogue Wave Software and Rational Software are among the new software companies announcing specific Linux products for the z With the introduction of the z, IBM is also introducing a new level of mainframe customer service, making greater use of the Internet than ever before. The z can literally "phone home" periodically -- automatically monitoring and maintaining itself through the Internet by dialing up and checking in with an IBM technology center at specified times. In addition, customers can upgrade hardware and software capacity on the fly with a click of the mouse. New technology The heart of the z is the IBM multichip module MCM -- the densest, most advanced semiconductor and packaging technology in the world. The z reaches unprecedented levels in capacity and security, including: Greater than 2, MIPs on 16 processors -- Unix competitors claim they can match this but none of their servers have been designed to run multiple workloads on the same server all at once. Enhanced Capacity on Demand capabilities -- scales effortlessly from 1-way to way processor capability on the fly and without disruption. SSL transactions -- those that cause the "locked" padlock icon to appear at the bottom of browsers -- are crucial to e-business transactions, enabling companies to securely process orders on-line. The ability to process greater numbers of SSL transactions means businesses can serve more customers and make more sales in less time.

4: e-business Cookbook for z/OS Volume II: Infrastructure | IBM Redbooks

Abstract. This IBM Redbooks publication is the second volume in the "e-business Cookbook for z/OS" series. It is intended for System Programmers involved in setting up and configuring an environment to run Java-based e-business applications on z/OS and OS/

Development history[edit] â€" In addition, development tools include a subset of the video and keyboard APIs as linkable libraries so that family mode programs are able to run under MS-DOS. A task-switcher named Program Selector is available through the Ctrl-Esc hotkey combination, allowing the user to select among multitasked text-mode sessions or screen groups; each can run multiple programs. The interface was replaced in versions 1. The Extended Edition of 1. In , Version 1. HPFS provided a number of improvements over the older FAT file system, including long filenames and a form of alternate data streams called Extended Attributes. During this time, Windows 3. The two companies had significant differences in culture and vision. This was especially painful in providing support for DOS applications. Given these issues, Microsoft started to work in parallel on a version of Windows which was more future-oriented and more portable. From a business perspective, it was logical to concentrate on a consumer line of operating systems based on DOS and Windows, and to prepare a new high-end system in such a way as to keep good compatibility with existing Windows applications. It provided a bit API for native programs, though the OS itself still contained some bit code and drivers. This was a fully object-oriented interface that was a significant departure from the previous GUI. Rather than merely providing an environment for program windows such as the Program Manager , the Workplace Shell provided an environment in which a user could manage programs, files and devices by manipulating objects on the screen. With the Workplace Shell, everything in the system is an "object" to be manipulated. A problem in DOS mode could crash the entire computer. This included an extensive set of configuration options to optimize the performance and capabilities given to each DOS program. SYS directive Windows 3. Multiple Windows applications run by default in a single Windows session - multitasking cooperatively and without memory protection - just as they would under native Windows 3. However, to achieve true isolation between Windows 3. The user can then optionally place each program either in its own Windows session - with preemptive multitasking and full memory protection between sessions, though not within them - or allow some applications to run together cooperatively in a shared Windows session while isolating other applications in one or more separate Windows sessions. At the cost of additional hardware resources, this approach can protect each program in any given Windows session and each instance of Windows itself from every other program running in any separate Windows session though not from other programs running in the same Windows session. Voyager was substituted at the last minute. It was released in two versions: As most computers were sold with Microsoft Windows pre-installed and the price was less, "Red Spine" was the more popular product. Warp Connect was nicknamed "Grape". Warp 3 brought about a fully bit windowing system, while Warp 4 introduced the object-oriented bit GRADD display driver model. A personal version of Lotus Notes was also included, with a number of template databases for contact management, brainstorming, and so forth. Please help improve this section by adding citations to reliable sources. Unsourced material may be challenged and removed. April Main article: It also included major new architectural features including a system registry, JFS, support for UNIX graphics libraries, and a new driver model. A mission was formed to create prototypes of these machines and they were disclosed to several Corporate customers, all of whom raised issues with the idea of dropping Intel. A partial pre-alpha version of Workplace OS was demonstrated at Comdex where a bemused Bill Gates stopped by the booth. It was released in This section does not cite any sources. March Learn how and when to remove this template message A project was launched internally by IBM to evaluate the looming competitive situation with Microsoft Windows That study, tightly classified as "Registered Confidential" and printed only in numbered copies, identified untenable weaknesses and failures across the board in the Personal Systems Division as well as across IBM as a whole. The latest IBM version is 4. After a series of preliminary "release candidates," version 2. Once application migration is completed, IBM recommends migration to a different operating

system, suggesting Linux as an alternative. Please update this article to reflect recent events or newly available information. The additions are not provided with the current version of VirtualPC, but the version last included with a release may still be used with current releases. Thus, the Parallels, Inc. Petitions were held in and , but IBM refused them, citing legal and technical reasons. Summary of releases[edit] Release dates refer to the US English editions unless otherwise noted.

5: All Topics & Products A-Z - BMC Software

Enter your mobile number or email address below and we'll send you a link to download the free Kindle App. Then you can start reading Kindle books on your smartphone, tablet, or computer - no Kindle device required.

These white papers, slide shows and webcasts were released between and and are listed in reverse chronological order. New mainframe security presentations will be available here just as soon as we find them. Mainframes can be hacked; proper security solutions and protocol must be in place to prevent that from happening to your organization! For those looking for mainframe security articles, visit our mainframe access , network security , encryption or mainframe compliance and monitoring sections. One was recorded in March and included Bob Thomas and Stu Henderson, two prominent mainframe security experts. This solution utilizes OpenPGP encryption to secure data at rest. Once encrypted, the data is completely safe and can be moved or stored without any further encryption methods required. Many Fortune companies utilize E-Business Server every day. This page contains several webinars and white papers that describe the benefits of using E-Business Server to secure data on System z mainframes. If securing data is a priority of your organization, securing data in transfer should be a main concern. First, find out why and how your FTP is vulnerable and at risk. There needs to be some management to the FTP facility to keep the system both secure and compliant while keeping all the data secure. This white paper does an excellent job explaining the need for FTP management and the potential for devastating effects if left untouched. But were too afraid to ask! This is the first of a great 7-part series of presentations about mainframe security issues and vulnerabilities. This particular presentation provides an overview along with information related to penetration testing and examples of several mainframe breaches. There are risks to every mainframe; penetration testing can help mitigate these risks. Penetration testing is important and so is having a solid monitoring tool to thwart any malicious activity before it gets out of hand. Some great bullet points are provided that could get your shop thinking about new weaknesses that should be shored up. Mainframes will never be secure unless the proper solutions are implemented and everything is looked after by experts. The State of Mainframe Security â€" or Lack Thereof This presentation provides a nice mix of high-level strategic plans and strategies related to keeping the mainframe secure along with more technical expertise. These things will improve the security of your mainframe system with relatively little work, but are issues that must be looked after. The mainframe is not inherently secure and a plan to keep it secure should be in place. These slides provide some examples of mainframe hacks along with plenty of tips to avoid them from happening to your organization. At the end, they suggest many solutions for a more secure mainframe: The Myth of Mainframe Security This presentation goes through the history of mainframes and mainframe security. Perceptions about mainframe security have evolved over the last couple of decades and these slides provide an overview of this. Along with previous notions of how secure mainframes were, current issues facing those trying to keep their mainframe secure are looked into. It provides some good information about mainframe applications, networking and possible flaws. For any flaws or vulnerabilities, there are software solutions that will help eradicate them and fully secure your mainframe. The Secrets Inside that Black Box This is a great mainframe security webcast was originally a Google Plus Hangout presentation that provides basic information about the mainframe in relation to mainframe security. Some more advanced content like penetration testing and hacking is explored. Young does an excellent job discussing mainframe security concepts. Following him at any of his social media accounts mainframed on Twitter or at Tumblr is also worth it. FYI, if you like this video tutorial, there are plenty more on YouTube. This ethical hacking has the potential to find the security holes and lapses within the system before a malicious hacker does. Another is vulnerability scanning, which is also described in this slide show presentation. There are pros and cons to both of these methods, which should be used alongside many other security solutions and software. Without any of these solutions in place, a vulnerability scan would yield so many potential issues, it would defeat the purpose. The bottom line is, mainframes can be hacked, from the inside or outside, and a security plan, along with a set of solutions, is needed to achieve a fully secure mainframe. There are also some excellent workflow diagrams and other visuals that fit well within the

slideshow. This is a great study to gain more understanding of intrusion detection as a whole and IDS in action. There are also plenty of real-world examples and details on a number of relevant topics. Beyond that, the disaster recovery environment is explored, mainly focusing on how to restore both master keys and encrypted tape drives. Also, the TKE trusted key entry in regards to backup and recovery of keys and files is examined. More importantly, many ways to protect data, namely encryption and tokenization, are not only explained but working examples and models for securing data are given. Both encryption and data tokenization are explained and then the different encryption and tokenization approaches and solutions are evaluated. Then, the cloud environment is brought into the discussion and the different options are tried out in theory.

6: OS/2 - Wikipedia

E-Business Server is a world-class z/OS encryption technology with iron-clad security. This solution utilizes OpenPGP encryption to secure data at rest. Once encrypted, the data is completely safe and can be moved or stored without any further encryption methods required.

7: Cheryl Watson's Tuning Letter - Watson Walker

z/OS system installation and management. Part 1. Installation of z/OS and other software products To install means to e-business applications. It supports.

8: z/OS Security Presentations, Webcasts, White Papers, etc.

e-business Cookbook for z/OS Volume I: Technology Introduction July International Technical Support Organization SG

9: IBM Archives: z Announcement

Overview. z/OSâ„¢.e is a specially priced offering of z/OS that provides select function at an attractive price. It is designed to help you exploit the fast growing world of next-generation e-business by making the deployment of new application workloads on the IBM zSeries (z) server competitively priced.

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Bluff your way in folk and jazz. Rao s applied numerical methods for engineers and scientist The medium and the Messiah Operation Southern Watch January 1993 Notes on indian criminal procedure code Machine learning tom mitchell exercise solutions Dream Homes Metro New York (Dream Homes) The Welfare of Horses (Animal Welfare) Bear market investment strategies The rededication of the artist, by L. Lee. Essentials of corporate finance 9th edition chapter 1 Genetic intervention on human subjects And adjusted. In 2000, the passing rate for IMGs taking the old CSA was Dramatic Works and Dialogues (Beckett Short No. 2) Scholarships for Study in the USA and Canada. The ambrotype, old new The pyramid and the plum tree Isolationist impulse: its twentieth-century reaction. Heres what you do when you cant find your shoe The Best 10-Minute Plays for Three or More Actors 2006 (Contemporary Playwright Series) Aboriginal Sovereignty Austin and His Friends Ravens longest night Basic Methods of Tomography and Inverse Problems (Malvern Physics Series) Introduction to RPG-RPG II programming The cultures of poverty Manual of pediatric hematology and oncology philip lanzkowsky The Next Religious Establishment Verma human resource skills for project manager I-gotu gt-600 manual The teachings of Karl Marx for boys and girls infiltrates Alabama Marge Frantz Ordinary heroines Institutional Repositories Engineering/high-tech students handbook Managing More Effectively Robert E. Howards Weird Works Volume 5 A companion to Indian music and dance Information for Survivor Annuitants Amar chitra the pious cat and other stories Just like a woman : Dylan, authenticity, and the second sex Kevin Krein and Abigail Levin