



Hej,

Hoppas semestern varit skön. Detta är andra upplagan i år. Det blir min sista utgåva av DB2NYTT. Efter 41 år på IBM planerar jag att pensionera mig fr.o.m 1 november 2010. Min kollega Jonas Öhlen, jonas.ohlen@se.ibm.com tel 070-7932753, kommer att överta produktionen och även min distributionslista för DB2NYTT. Informix-kollegan Rickard Linck rickard.linck@se.ibm.com tel 070-7932067 är också kunnig vad gäller DB2 om du har frågor. En lämplig DB2-säljare att kontakta är Mattias Rantatalo mattias.rantatalo@se.ibm.com tel 070 7933374. Självt kommer jag sedan, för annat än DB2-frågor, såsom golf, att kunna nås på gmail.com och tel 070-7921945.

Detta nummer ägnas åt **följande nyannonseringar** som IBM gjort sedan förra DB2NYTT:

- **IBMDB2 pureScale Feature now also for Linux on IBM X-servers**
- **InfoSphere Guardium 8 - database security and monitoring software**
- **IBM Smart Analytics Optimizer for DB2 for z/OS**
- **New DB2 and IMS tools**
 - DB2 Sort for z/OS
 - IMS Recovery Expert for z/OS, V2.1.0
- **IBM DB2 SQL Skin Feature 1.0 for applications compatible with Sybase ASE**
- **IBM zEnterprise System - z196**
- **IBM has acquired Datacap ECM solutions**

Dessutom finns som vanligt information om dessa **DB2 event 2010**

- **DB2 LUW RUG meeting in Kista, Stockholm** Sep 2–3, 2010
- **IBM Information On Demand US Las Vegas** October 24–28, 2010
- **IDUG 2009 – Europe Vienna** Nov 8-11, 2010

Och även information om **nya DB2-redbooks**

På Lennart Henängs utmärkta DB2-portal hittar Du:

- Snart denna pdf-fil samt **tidigare utgåvor av DB2NYTT** <http://www.henfield.se/db2nytt>
- Information om **Svenska Regional DB2 User group** <http://www.henfield.se/rug>
- dessutom nu de nya DB2 LUW gratis verktygen
 - Den **nya DB2DEMO 9.7** <http://www.henfield.se/db2demo/>
 - Den **nya DB2 Storage Estimator** (som även uppskattar index compression) <http://henfield.se/db2comp/>

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IBM DB2 pureScale Feature now also announced for Linux on x-servers

I wrote a lot about DB2 PureScale for Power systems in last DB2NYTT edition 1 2010

Download it from <http://henfield.se/db2nytt/DB2N1001.pdf>

Now DB2 PureScale it is also announced for Linux on IBM X-servers.

In October 2009, IBM announced the availability of DB2 pureScale, a new DB2 feature that reduces the risk and cost of business growth by providing unlimited capacity, continuous availability, and application transparency. Since its launch on Power Systems running AIX, numerous clients and analysts worldwide have been waiting for the feature to be available on IBM's System x family of servers.

Now, at the Smarter Systems Event in Beijing, China, IBM announced the availability of DB2 pureScale on the System x platform running on SUSE Linux. DB2 pureScale on System x builds on the flexibility of our platform support and further strengthen IBM's portfolio of Smarter Systems. DB2 pureScale on System x leverages the outstanding business benefits of IBM X-Architecture technology. In addition, running Linux on IBM System x servers provides clients with an additional cost-effective, open, reliable and secure IT environment that can easily scale as workloads demand.

Unlimited capacity, transparent to applications.

DB2 pureScale reduces the risk and cost of business growth by providing unlimited capacity, continuous availability, and application transparency. DB2 pureScale, newly available on System x servers, delivers some of the industry's highest levels of database scalability and availability in the market today. IBM first introduced this technology on the System z platform, the undisputed leader in total system availability, scalability, security and reliability and now is the only vendor to offer this efficient and highly reliable scaling capability for System z, System x, and Power Systems computing platforms.

DB2 pureScale on System x leverages the outstanding business benefits of IBM xArchitecture and in addition, running **SUSE Linux** provides a cost-effective, open, reliable and secure IT environment that can easily scale as workloads demand.

DB2 pureScale is **supported on SUSE Linux on the following IBM System x servers:**
System x3650 M3, x3690 X5 and x3850 X5 (details below)

DB2 pureScale is **already supported on POWER6 and POWER7 systems.**

The pureScale Application System extends the reliability, speed and performance of IBM DB2, DB2 pureScale, IBM WebSphere Application Server, and IBM Power 770 servers with advanced clustering technology.

Unlimited Capacity

DB2 pureScale provides practically unlimited capacity for any **transactional workload**. Scaling your system is simply a matter of connecting a new node and issuing two simple commands. DB2 pureScale's cluster-based, shared-disk architecture reduces costs through efficient use of system resources.



Application Transparency

With DB2 pureScale, you don't need to change your application code to efficiently run on multiple nodes. Thanks to a proven, scalable architecture, you can grow your application to meet the most demanding business requirements.

You can also run **applications written for other database software** with little or no changes; DB2 offers native support for commonly used syntax and PL/SQL procedure language, making it **easier than ever to move from Oracle database to DB2.**

DB2 pureScale Feature for Enterprise Server Edition delivers:

- Enhanced availability for databases on distributed platforms
- Enhanced scalability for databases on distributed platforms
- Tools to simplify configuration and administration

This new DB2 feature brings clustering technology to DB2 on distributed platforms. It helps you to meet your business needs around availability and scalability, and at the same time, it is easy to configure and administer.

DB2 pureScale Feature is designed to keep your critical data available during both planned and unplanned outages.

For planned outages, where you are performing maintenance on your cluster, you can do rolling maintenance on individual members without affecting the availability of the cluster.

For unplanned outages, where a member of the cluster fails due to hardware or software reasons, DB2 pureScale Feature is designed to allow the cluster, with its remaining members, to continue to function with minimal interruption to your application or business.

DB2 pureScale Feature lets you to add members to the cluster and remove them from the cluster on demand. **Scale-up or scale-down** the cluster to meet your dynamic business needs.

DB2 pureScale Feature for Enterprise Server Edition, developed **with ease of use** in mind, has a single installation process for all the software components.

SUSE Linux delivers outstanding performance and virtualization on System x servers. DB2 pureScale on System x will leverage that performance to deliver additional cost savings to customers.

Supported Hardware & Software Platforms:

- IBM System x3650 M3 (2 socket),
- System x3690 X5 (2 socket)
- System x3850 X5 (4 socket)
- SUSE Linux Enterprise Server (SLES) 10 Service Pack 3

DB2 PureScale Installation Demo (3 min)

<http://www.youtube.com/watch?v=1mvWCPKNeBk>

For information:

<http://www-01.ibm.com/software/data/db2/linux-unix-windows/editions-features-purescale.html>



InfoSphere Guardium 8 - database security and monitoring software

IBM has acquired Guardium, a market leader in real-time enterprise database monitoring and protection. <http://www.guardium.com/> Guardium's technology helps clients safeguard data, monitor database activity and reduce operational costs by automating regulatory compliance tasks. Guardium is a privately held company based in Waltham, Massachusetts. Financial terms were not disclosed.

According to the 2010 Data Breach Report, 92% of all breached records (such as credit card and social security numbers) were stolen from database servers -- far surpassing other sources of sensitive data such as stolen laptops, which represent less than 1% of all compromised records.

IBM InfoSphere Guardium is the most widely-used solution for preventing information leaks from the data center and assuring the integrity of enterprise data. Guardium was the first solution to address the core data security gap by delivering a scalable enterprise platform that both protects databases in real-time and automates the entire compliance auditing process.

InfoSphere Guardium 8 advances this market-leading position with exciting new capabilities that both reduce risk and dramatically lower compliance costs via automated and centralized controls for heterogeneous environments. New capabilities include:

System z: InfoSphere Guardium Database Activity Monitor (DAM) for System z leverages IBM-developed mainframe technology to **continuously monitor and audit all database activities** for DB2 on System z. A common use case is to alert security and compliance personnel whenever a DBA or SYSADMIN views DB2 tables containing Personally Identifiable Information (PII) such as HR data.

- **System z: InfoSphere Guardium Vulnerability Assessment (VA)** for System z provides an extensive library of tests that examine DB2 on System z for vulnerabilities such as misconfigured privileges. VA is tightly integrated with DAM (optionally) to provide a comprehensive view of System z database security and compliance, with the benefit that both DAM and VA can be operated by IT security personnel without DBA expertise. In addition, all audit information is aggregated to a Central Aggregator which **provides a unified view of all database access** for both mainframe and LUW environments, **enabling enterprise-wide compliance reporting**, analytics and forensics.
- **SAP:** Enterprises can **now monitor all SAP transactions** without requiring any changes to the application (or to the database). This is typically used to identify end-users who perform fraudulent or unauthorized transactions via SAP, even when a generic service account is used to access the database. This is an increasingly important requirement for auditors, particularly for SOX compliance (note: currently available only **on DB2 and Oracle**).
- **SharePoint:** SharePoint usage is exploding as a way for teams to collaborate and share information. As a result, SharePoint repositories often contain sensitive information such as financial and PII data, but with insufficient controls. InfoSphere Guardium can **now monitor and audit all access** to this information, including access by privileged users such as administrators, in order to prevent information leaks. SharePoint support is an "industry-first" in the database security space.

Firecall-ID Management: InfoSphere Guardium 8 uniquely allows organizations to enable firecall accounts for specified time periods without requiring any changes to the DBMS itself. In addition, all actions taken by administrators during the "firecall" period are continuously monitored and logged, in order to flag policy violations such as privilege abuse.

Quarantine Capability: If a user violates database access policies, this capability locks them out for a specified amount of time. For example, you can block an outsourced DBA who performs a



SELECT, DDL or DML operation on sensitive tables, or a customer service rep who reads hundreds of credit card numbers in an hour (indicating suspicious activity). Like Firecall-ID Management, this capability leverages InfoSphere Guardium's unique capability to enforce access controls for sensitive databases (S-TAP Terminate), allowing organizations to implement preventive controls (in addition to detective controls such as monitoring) that deterministically block access based on fine-grained policies (who, what, where, how) -- without requiring any database changes.

Entitlement Reporting: Auditors frequently ask clients to identify all accounts that have access to sensitive databases. This can be a complex task, since many organizations have hundreds or thousands of distributed database servers with a broad range of heterogeneous DBMS platforms. It is also difficult because modern DBMS systems have numerous ways to assign privileges to users (e.g., via explicit GRANTS and REVOKEs, via roles that build recursive privilege structures, etc.). InfoSphere Guardium 8 offers a new module that provides automated entitlement reporting for all supported DBMS platforms, significantly reducing TCO and compliance costs

Advanced Workflow Automation: Auditors want to know that organizations aren't simply generating database access reports, but that they also have a formal oversight process for addressing exceptions and violations of corporate policies. InfoSphere Guardium is the only DAM solution that automates the entire compliance oversight process, including report distribution, electronic sign-offs, comments and escalations. Version 8 enhances InfoSphere Guardium's current workflow automation capabilities with a new module that allows organizations to customize workflow on a line-item basis, allowing them to fine-tune their exception follow-up processes for specific organizational requirements.

Vulnerability Assessment (VA) Enhancements: InfoSphere Guardium 8 adds 400 new tests for finding database vulnerabilities such as missing patches, misconfigured privileges and default vendor passwords. In addition, all tests are now tagged with industry-standard CVE IDs (Common Vulnerabilities & Exposures).

New DBMS Platforms: InfoSphere Guardium 8 now supports **PostgreSQL and Netezza**, in addition to previous support for **IBM DB2, Informix, Oracle, SQL Server, Sybase, MySQL** and **Teradata**. This provides the broadest level of heterogeneous support in the industry.

Information here:

<http://www.guardium.com/>

<http://www-01.ibm.com/software/data/guardium/index.html>

http://www.ibm.com/developerworks/data/library/dmmag/DMMag_2010_Issue3/FeatureGuardium/index.html

Availability date:

September 17, 2010

Announcement letter:

<http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=AN&subtype=CA&htmlfid=897/ENUS210-223&appname=USN>



IBM Smart Analytics Optimizer for DB2 for z/OS

IBM Smart Analytics Optimizer for DB2 for z/OS **enables a new class of business intelligence and data warehousing workloads for the IBM System z platform**

IBM Smart Analytics Optimizer for DB2 for z/OS, V1.1 offers fast and predictable query response times on unpredictable query workloads. Version 1.1:

- Can help **lower overall operating costs** by reducing database tuning efforts and off-loading query workload to a platform optimized for price and performance
- Delivers **significant improvement in the performance** of analytic queries on existing IBM data systems
- Capitalizes on data in existing systems
- Significantly **improves price/performance** with workload-optimized IBM software and hardware

IBM Smart Analytics Optimizer for DB2 for z/OS, V1.1, together with related hardware, is a high-performance, integrated hardware/software solution for IBM System z, delivering dramatically faster analytic query responses transparently to users. It integrates into an IBM DB2 9 for z/OS data warehouse environment, providing high-performance query software that is based on advanced data in-memory technology and executed on an IBM **zEnterprise BladeCenter Extension (zBX)** attached to and managed by the System z server. This offering helps enable a new class of high-speed business intelligence (BI) queries never before available on System z. It extends System z qualities of service of manageability, security, and availability to analytic applications, while seamlessly combining IBM's hardware and software worlds. The solution is a **combination of IBM software and hardware**

IBM Smart Analytics Optimizer for DB2 for z/OS provides:

- **Extreme performance for complex business analysis**
 - Delivers analytic information to decision makers faster through breakthrough technologies
 - Enables decision makers to perform business analysis they never dared in the past to help analyze trends, better predict outcomes, and help produce better business results
- **Database performance appliance**
 - Faster deployment at lower cost delivering value quickly with complete application transparency; in most cases, no need to change any application; just install and reap the benefits of higher performance.
 - Can help substantially reduce operational costs by removing the need for complex query tuning.
 - More rapidly add new applications and user requirements, helping to drive greater value to the bottom line.
 - Helps to reduce costs by leveraging the price/performance of multiple system technologies combined into an integrated and optimized IBM solution.



- **New IBM software** -- IBM Smart Analytics Optimizer for DB2 for z/OS. This software is built from these major parts:
 - The new IBM Smart Analytics Optimizer software with IBM patented **compression algorithms** running on the zBX that helps deliver high-performance query results.
 - **Stored Procedures** running on a DB2 for z/OS system to which the zBX is connected.
 - **IBM Smart Analytics Optimizer Studio**, based on IBM Data Studio. This Eclipse-based GUI is used by database administrators for data mart definitions and other administration tasks.
- **A new IBM System z hardware product -- the IBM zEnterprise BladeCenter Extension (zBX)** -- is a new infrastructure for extending tried and true System z qualities of service and management capabilities across a set of integrated, specific-for-purpose solutions.
- **IBM System Storage DS5020** Midrange Disk System.

IBM Smart Analytics Optimizer is designed to help mitigate database administration costs while **speeding up the performance of typical data warehouse or OLAP-specific workloads by an order-of-magnitude**. Similar in concept to the IBM System z Integrated Information Processor (zIIP), the IBM Smart Analytics Optimizer solution enables selected DB2 query workloads to be redirected to another processing entity, namely the zBX running the IBM Smart Analytics Optimizer software.

The IBM Smart Analytics Optimizer for DB2 for z/OS is only offered as an integrated solution that combines IBM software and hardware.

This announcement has two companion hardware announcements, which provide additional information about the associated hardware. Refer to Hardware Announcement for the new IBM zEnterprise 196 technology, (see below)

http://www.ibm.com/common/ssi/ShowDoc.jsp?docURL=/common/ssi/rep_ca/3/877/ENUSZG10-0263/index.html&breadCrum=DET001PT022&url=buttonpressed=DET002PT005&specific_index=DET001PEF502&DET015PGL002=DET001PEF011&submit.x=7&submit.y=8&lang=en_US

and Hardware Announcement on the new IBM zEnterprise BladeCenter Extension on which the IBM Smart Analytics Optimizer software runs.

<http://www.ibm.com/common/ssi/cgi-bin/ssialias?subtype=ca&infotype=an&appname=iSource&supplier=897&letternum=ENUS110-170>

Planned availability date

November 19, 2010

Support for:

- IBM zEnterprise BladeCenter Extension Model 002 will be on November 19, 2010
- IBM zEnterprise BladeCenter Extension Model 001 will be on December 17, 2010

Announcement letter:

<http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?subtype=ca&infotype=an&appname=iSource&supplier=897&letternum=ENUS210-266>



IBM zEnterprise System - z196

IBM zEnterprise System is a first-of-a-kind workload-optimized multiplatform technology offering. The system consists of the IBM zEnterprise 196 (**z196**) central processor complex (CPC), the IBM zEnterprise Unified Resource Manager, and built-in support for the IBM zEnterprise **BladeCenter Extension (zBX)** Model 002. The IBM zEnterprise 196 is designed with improved scalability, performance, security, resiliency, availability, and virtualization. The z196 Model M80 provides **up to 1.6 times the total system capacity of the z10 EC Model E64**, and all z196 models provide **up to twice the available memory** of the z10 EC. The zBX infrastructure works with the IBM zEnterprise 196 to enhance System z® virtualization and management to deliver an integrated hardware platform that spans System z mainframe and POWER7 technologies. The IBM zEnterprise Unified Resource Manager, delivered with the z196, is designed to deliver end-to-end virtualization and management along with the ability to optimize technology deployment

zEnterprise System is designed to deliver:

- Improved total system capacity in a 96-way core design.
 - Improved performance of all workloads
 - Massive scalability for secure data serving and transaction processing and large-scale consolidation
 - Up to 80 cores that are customer-configurable
- Quad-core 5.2 GHz processor chips with 100+ new instructions that enable improved code efficiency, and are designed to help improve the execution of CPU-intensive workloads.
- Up to 3 terabytes (TB) of available real memory per server for growing application needs (with up to 1 TB real memory per LPAR).
- Improved availability in the memory subsystem with redundant array of independent memory.
- Availability improvement - concurrent add/delete of I/O drawer.
- Crypto Express3 cryptographic enhancements.
- Up to 128 coupling CHPIDs (double that of z10) and up to 80 physical external coupling links (12x InfiniBand, 1x InfiniBand, ISC-3), a 25% increase compared to z10.
- Up to 72 I/O, networking, and crypto features.
- Up to 240 ESCON channels.
- Up to 32 HiperSockets (double the number available on z10 EC).
- Energy efficiencies - more performance to help you run more efficiently in the same footprint.
- Energy monitoring capability and power save option for the processor, which is designed to provide a 25 - 30% reduction in power consumption depending on the system configuration
- Optional water cooling, providing the ability to cool systems with user-chilled water
- Optional high-voltage DC power, which can save System z customers 1 - 3%, on power
- Top exit I/O cabling, which is designed to provide increased flexibility and increase air flow.
- Unified Resource Manager, enabling management and virtualization of heterogeneous workloads. Unified Resource Manager manages the deployment of heterogeneous hardware resources based on individual workload requirements by providing:
 - Performance management
 - Integrated private data network
 - Virtual server lifecycle management
 - Hypervisor management
 - Integrated operational controls
 - Management as system z firmware

Announcement letter: <http://www.ibm.com/common/ssi/cgi-bin/ssialias?subtype=ca&infotype=an&appname=iSource&supplier=897&letternum=ENUS110-170>

More information <http://www.ibm.com/systems/z/hardware/zenterprise>



New DB2 and IMS tools help you better manage your environment

New and enhanced DB2 and IMS tools deliver:

- Application management: **DB2 Sort for z/OS®, V1.1.0**
- Recovery management: **IMS Recovery Expert for z/OS, V2.1.0**

DB2 Sort for z/OS, V1.1.0 (5655-W42) is a new DB2 tool that provides high-speed utility sort processing for data stored in DB2 for z/OS. DB2 Sort for z/OS can help improve sorting performance while optimizing overall system efficiency through reduced elapsed time and CPU consumption, and improve memory management by exploiting the advanced facilities of the IBM z/OS operating system and IBM System z server.

DB2 Sort for z/OS:

- Helps reduce elapsed time and CPU consumption by IBM utilities sort
- Allows flexibility to optimize utility sort processing
- Improves application availability by reducing the batch window for utility maintenance

DB2 Sort for z/OS, V1.1.0 includes a **64-bit API** that facilitates information sharing between the sorting software and IBM products that invoke it. The API implements a handshaking algorithm that validates authorized callers and provides improved memory and sort workspace management. IBM DB2 Utilities Suite for z/OS, V9.1.0 (5655-N97) and IBM Utilities Suite for z/OS, V8.1.0 (5655-K61) are supported by the API.

This product **is not designed to be a replacement for general purpose sorting products** that are invoked through the standard z/OS system sort interface.

IMS Recovery Expert for z/OS, V2.1.0 (5655-S98) is a storage-aware backup and recovery solution that integrates storage processor fast-replication facilities with IMS backup and recovery operations to allow instantaneous backups with no application downtime and to help reduce recovery time, and simplify disaster recovery procedures while using fewer CPU, I/O, and storage resources. The IMS Recovery Expert V2 product belongs to the family of IMS Tools that provides backup and recovery solutions.

IMS Recovery Expert V2 has integrated Intelligent Recovery and Disaster Recovery Managers that analyze recovery assets and establish optimal recovery procedures to help minimize recovery time and recovery point objectives. Recovery jobs are tailored specifically to available backup and hardware resources.

IMS Recovery Expert V2 validates backups to allow users to validate that all data has a backup and that the backup is recoverable. When a recovery needs to be performed, IMS Recovery Expert V2 determines the recovery assets to use, the recovery steps to run, and then manages the entire recovery process for an entire IMS system, an application, or database.

Further, IMS Recovery Expert V2 transforms disaster recovery into a disaster restart process, **helping to reduce recovery time objectives** (RTO). The tool simplifies and automates the backup, recovery, and disaster recovery processes.

A system backup can remain on disk for local recoveries or can be automatically offloaded to tape for local or remote recovery.



IMS Recovery Expert V2 provides **the ability to automate the process of backing up entire IMS subsystems by volume**. It also helps safeguard IMS applications and increases application availability with point-in-time recoveries.

IMS Recovery Expert V2 takes advantage of IBM Space Efficient FlashCopy, IBM or STK Snapshot, and EMC TimeFinder/Snap virtual devices **to create IMS system clones from the backups** without using additional storage.

IMS Recovery Expert for z/OS, V2.1 can help you:

- **Back up entire IMS systems nearly instantaneously** with a significantly reduced likelihood of application downtime
- **Recover more quickly** and more easily using Intelligent Recovery Managers for local and remote recovery support
- **Reduce recovery time and complexity** with faster restore and parallel recovery (log apply)
- Support efforts to reduce storage costs by utilizing one backup for multiple purposes
- Reduce the effort required to accomplish IMS backup and recovery management through an easier-to-use **ISPF interface**
- **Use fewer CPU, I/O, and tape resources than image copy**
- Identify assets and prepare files and JCL for a more successful disaster recovery or disaster restart
- Automatically **perform backup validation** to achieve more successful recoveries
- Document compliance efforts against internal requirements or federal regulations
- Reduce recovery time objectives by transforming disaster recovery into a disaster restart process
- **Eliminate backup windows and extend batch processing windows** by eliminating many image copies
- Perform **IMS system cloning** operations from a system-level backup without increasing storage for the clone when using space-efficient technologies



IMS Recovery Expert for z/OS, V2.1 offers the following key features:

- Automatically identifies volumes for a more complete IMS system backup.
- Creates instant point-in-time backups of an entire IMS system without having to take the system offline or make it unavailable.
- Provides extensive backup validation to verify that IMS files and catalog structures are in the backup to enhance chances of a successful recovery.
- Keeps track of information and options that help perform a system-level backup of individual IMS systems in its metadata repository.
- Provides support for IBM, EMC, and HDS storage and fast replication processes.
- Performs application-level -- database, index, or groups of databases and indexes -- recovery from a system backup.
- Helps you recover more quickly from a disaster by restoring a complete system without requiring you to coordinate individual database recoveries. It transforms traditional IMS disaster recovery procedures into a tape-based disaster restart process.
- Provides a familiar, easier-to-use interface with more flexible options.
- Can save detailed and summary reports with IBM IMS Tools Base for z/OS.
- Allows you to copy system-level backups to tape or disk, including offsite disk, for subsequent restore when required.
- Creates a system-level backup that can be used for system recovery, application recovery, database recovery, or disaster recovery.
- Can **invoke compression and encryption services** when offloading data to or restoring data from tape using DFSMSdss™ or Innovation FDR to help reduce tape usage and better safeguard critical data.
- Provides the ability to back up and restore a subset of the IMS system.
- Integrates with IBM IMS Recovery Solution Pack for z/OS to help:
 - Forward recover any IMS database or indexes
 - Rebuild any nonrecoverable indexes
 - Health check a RECON prepared for remote site recovery
 - Create image copies and perform pointer validation of recovered databases and indexes
 - Provide recovery asset validation at a remote recovery site

Availability:

* August 20, 2010, IBM IMS Recovery Expert for z/OS, V2.1 (5655-S98)

* September 24, 2010, IBM DB2 Sort for z/OS, V1.1 (5655-W42)



IBM Smart Business Development and Test on the IBM Cloud V1.1

Rapid access to a secure development and test environment virtually anywhere at any time from the Web

IBM® Smart Business Development and Test on the IBM Cloud Version 1 Release 1 provides rapid access over the Internet to security-rich virtualized development and test server environments on the IBM Cloud. This service provides flexible, pay-as-you-go pricing. The service includes:

- Self-service automated provisioning of virtual machine instances from a selection of seven standard machine configurations consisting of CPU capacity, virtual memory, and storage
- Additional persistent storage and static IP addresses provisioned on demand
- VPN/VLAN network segmentation
- Resources provisioned in two physical locations: Raleigh, North Carolina, United States and Ehningen, Germany
- Virtual machine instances provisioned with a selectable Linux® operating system with either Red Hat Linux or Novell SUSE Linux
- Additional IBM software images of Lotus®, WebSphere®, Rational®, DB2®, and Informix® brand software loaded from a catalog during the provisioning process
- Enterprise account and user management capabilities
- Reserved capacity packages offering pools of virtual machine resources at preferred discounted rates
- Monthly billing that supports enterprise purchase order procurement and invoices
- Standard product support consisting of self-service access to documentation and forums
- Service level agreement for cloud infrastructure availability
- Optional enterprise on-boarding services to enable quick and effective use of the service
- 24x7 monitoring and operation of your managed IBM Cloud infrastructure
- Optional 24x7 premium-level telephone support
- Pay-as-you-go pricing model:
 - Hourly rates for virtual machines compute resources and static IP addresses
 - Monthly rates for persistent storage and per-GB rates for network bandwidth
 - Software images available on a per-hour basis or through prepaid license entitlements

Information

https://www-950.ibm.com/blogs/devcloud/?lang=en_us

Availability date

August 16, 2010



DB2 SQL Skin Feature 1.0 for applications compatible with Sybase ASE

IBM DB2 SQL Skin Feature 1.0 for applications compatible with Sybase Adaptive Server Enterprise (ASE), an optional **add on feature for IBM DB2 LUW Enterprise Server Edition**, makes it easier than ever before **to migrate applications written for Sybase ASE 12.5, or earlier to DB2 Linux, UNIX, and Windows.**

IBM DB2 SQL Skin Feature 1.0 for applications compatible with Sybase Adaptive Server Enterprise (ASE) can help you lower your overall cost of owning a database by helping to reduce migration and license costs as well as ongoing administration, hardware, and maintenance expenses. Benefits of the new feature include:

- Greatly enhanced support of SQL, stored procedures, data types, and security constructs found in applications compatible with Sybase ASE 12.5, or earlier.
- Full support for Open Database Connectivity (ODBC), .NET, JDBC, DB-LIB, and CT-LIB applications.
- Application transparency where, in many cases, few if any application code changes should be required, and application behavior should not change, even though the underlying database has.
- Features designed to allow skills reuse that can help application developers with Sybase ASE skills be immediately productive on DB2.
- Accelerated migrations to DB2 by minimizing application code changes that are required to move to DB2, so that the time required to modify and test is likewise minimized.

IBM licensed key technology for DB2 SQL Skin Feature for applications compatible with Sybase ASE **from ANTS Software Inc.**, an IBM Business Partner with strong expertise in migrating applications.

<http://www.ants.com/>

IBM DB2 SQL Skin Feature 1.0 for applications compatible with Sybase ASE is an add on feature for IBM DB2 Enterprise Server Edition 9.7 for LUW. IBM DB2 Enterprise Server Edition 9.7 for LUW delivers new capabilities that can help you manage costs and simplify migration to DB2. By moving to IBM DB2 Enterprise Server Edition 9.7, you can reuse the skills of your programmers, help improve the productivity of your database administrators, take advantage of compression to help lower your hardware costs, and help reduce your overall database server license and maintenance costs with DB2's fair and flexible pricing options.

IBM DB2 SQL Skin Feature for applications compatible with Sybase ASE is available as an option for DB2 9.7 Enterprise Server Edition only. You must acquire this feature under the same charge metric as the underlying DB2 data server.

Information

<http://www.channeldb2.com/video/moving-easily-from-sybase-ase>

Availability dates:

May 28, 2010: Electronic availability

June 18, 2010: Media availability

Announcement letter:

<http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=AN&subtype=CA&htmlfid=897/ENUS210-155&appname=USN>



IBM has acquired Datacap ECM solutions

Aug 8 2010 IBM announced that it has acquired Datacap, Inc., a Tarrytown, New York-based provider of advanced capture technology. This acquisition will strengthen IBM leadership in the increasingly important enterprise content management (ECM) space -- specifically around capturing documents and information from unstructured content.

Capturing, managing and integrating all forms of content throughout an enterprise can be a daunting task, given the large volume of documents that currently only exist in paper formats. Toward that end, Datacap makes technology that allows organizations to quickly and easily capture and extract key information from documents and convert it to images that are stored electronically.

The true business value of ECM emerges when it transforms the operations of an organization so that they best meet the specific needs of its industry. Datacap products are being used in a wide variety of industries (including financial services, insurance, government, consumer products, transportation and publishing), with applications that automate a broad range of business processes.

Datacap has been a FileNet Business Partner since 1994. As a result, many of our offerings are already integrated. Effective immediately, Datacap becomes part of our Enterprise Content Management business under Ron Ercanbrack, within the Industry Solutions team, led by Craig Hayman.

Information

<http://www.datacap.com/>

<http://www.ibm.com/press/us/en/pressrelease/32253.wss>



DB2 Redbooks and redpapers

IBM Redbooks offer deep technical insight from IBM and industry experts. These books highlight real-time experiences, and include sample code, typical scenarios and step-by-step, "how-to" guidelines.

Here at **redbooks Information management portal** you get a list of more than 500 books
<http://www.redbooks.ibm.com/Redbooks.nsf/portals/Data?Open>

Here are some examples of the latest updates:

DB2 for z/OS

- **DB2 9 for z/OS Performance Topics**
Redbooks, published 11 Sep 2007, last updated 29 Jul 2010,
<http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg247473.html?Open>
- **DB2 9 for z/OS Data Sharing: Distributed Load Balancing and Fault Tolerant Configuration**
Redpapers, published 17 Jul 2008, last updated 12 May 2010,
<http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/redp4449.html?Open>
- **DB2 9 for z/OS: Using the Utilities Suite**
Redbooks, published 19 Feb 2010, last updated 27 Apr 2010
<http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg246289.html?Open>
- **DB2 9 for z/OS Technical Overview**
Redbooks, published 28 Jun 2007, last updated 30 Mar 2010,
<http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg247330.html?Open>
- **Leveraging IBM Cognos 8 BI for Linux on IBM System z**
Redbooks, published 1 Feb 2010,
<http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg247812.html?Open>
- **DB2 9 for z/OS: Resource Serialization and Concurrency Control**
Redbooks, published 22 Dec 2009, last updated 30 Dec 2009,
<http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg244725.html?Open>
- **Ready to Access DB2 for z/OS Data on Solid-State Drives**
Redguides, published 24 Apr 2009, last updated 7 Dec 2009
<http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/redp4537.html?Open>
- **DB2 9 for z/OS: Configuring SSL for Secure Client-Server Communications**
Redpapers, published 18 Dec 2009
<http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/redp4630.html?Open>
- **DB2 9 for z/OS: Buffer Pool Monitoring and Tuning**
Redpapers, published 25 Oct 2009,
<http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/redp4604.html?Open>



- **DB2 9 for z/OS: Distributed Functions**
Redbooks, published 30 Jul 2009, last updated 11 Sep 2009
<http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg246952.html?Open>
- **Securing and Auditing Data on DB2 for z/OS**
Redbooks, published 9 Jun 2009,
<http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg247720.html?Open>
- **SAP on DB2 9 for z/OS: Implementing Application Servers on Linux for System z**
Redbooks, published 30 Mar 2009, last updated 28 Apr 2009
<http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg246847.html?Open>

DB2 for LUW

- **Best Practices for DB2 on AIX 6.1 for POWER Systems**
Redbooks, published 8 Apr 2010, last updated 22 Apr 2010
<http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg247821.html?Open>
- **MySQL to DB2 Conversion Guide**
Redbooks, published 1 Dec 2009,
<http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg247093.html?Open>
- **Using Integrated Data Management To Meet Service Level Objectives**
Redbooks, published 6 Nov 2009, last updated 25 Nov 2009
<http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg247769.html?Open>
- **DB2 Virtualization**
Redbooks, published 16 Sep 2009, last updated 25 Nov 2009,
<http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg247805.html?Open>
- **Oracle to DB2 Conversion Guide: Compatibility Made Easy**
Redbooks, published 6 Nov 2009, last updated 29 Apr 2010,
<http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg247736.html?Open>
- **High Availability and Disaster Recovery Options for DB2 on Linux, UNIX, and Windows**
Redbooks, published 8 Feb 2009, last updated 20 Apr 2009,
<http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg247363.html?Open>



Informix

- **Migrating from Microsoft SQL Server to IBM Informix**
Redbooks, published 22 Jul 2010
<http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg247847.html?Open>
- **Migrating from Oracle to IBM Informix Dynamic Server on Linux, Unix, and Windows**
Redbooks, published 2 Jul 2009, last updated 6 Jul 2009
<http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg247730.html?Open>
- **Data Warehousing with the Informix Dynamic Server**
Redbooks, published 10 Dec 2009,
<http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg247788.html?Open>

Miscellaneous

- **DB2 Optimization Techniques for SAP Database Migration And Unicode Conversion**
Redbooks, published 17 Aug 2009
<http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg247774.html?Open>
- **InfoSphere Warehouse: A Robust Infrastructure for Business Intelligence**
Redbooks, published 18 Jun 2010, last updated 22 Jun 2010
<http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg247813.html?Open>
- **IMS Version 11 Technical Overview**
Redbooks, published 27 Oct 2009
<http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg247807.html?Open>
- **Multidimensional Analytics: Delivered with InfoSphere Warehouse Cubing Services**
Redbooks, published 27 Apr 2009
<http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg247679.html?Open>



DB2 Events

- **DB2 LUW RUG meeting in Kista, Stockholm** Sep 2 – 3, 2010
Contact saeid.mohseni@folksam.se
- **IBM Infomation On Demand US Las Vegas** October 24 – 28 , 2010
<http://www-01.ibm.com/software/data/conf/>
- **IDUG 2010 – Europe Vienna** Nov 8-11 2010
<http://www.idug.org/idug-europe/index.html>

For information on all IBM Technical Conferences see

<http://www.ibm.com/services/learning/conf>

Education News

DB2 Classes

See above information under DB2 LUW V9.7

This is a new url to get find all the Swedish DB2-classes on all platforms:

<https://www-304.ibm.com/jct03001c/services/learning/ites.wss/se/sv?pageType=page&c=a0002902>

DB2 webbased courses (elearning) events can be found here

<http://tinyurl.com/db2webcourses>

Contact us for enrolments and to discuss further of your education needs.

IBM Training e-mail: skolan@se.ibm.com

Telephone: 077 - 186 10 37 Fax: 077 - 186 10 37

Check your local Information Management Training and Education Web site or with your training representative for the most recent training schedule.



Where to find DB2 manuals and information

DB2 for z/OS manuals and Information Centers

DB2 for z/OS v7, v8 and v9:

<http://www-01.ibm.com/support/docview.wss?rs=64&uid=swg27011656>

DB2 for LUW Information Centers

DB2 V9: <http://publib.boulder.ibm.com/infocenter/db2luw/v9//index.jsp>

DB2 V9.5: <http://publib.boulder.ibm.com/infocenter/db2luw/v9r5/index.jsp>

DB2 V9.7 Information Center: <https://publib.boulder.ibm.com/infocenter/db2luw/v9r7/index.jsp>

DB2 for LUW English manuals as pdf-files

DB2 V9.1: <http://www-01.ibm.com/support/docview.wss?rs=71&uid=swg27009552>

DB2 V9.5: <http://www-01.ibm.com/support/docview.wss?rs=71&uid=swg27009727>

DB2 V9.7: <http://www-01.ibm.com/support/docview.wss?rs=71&uid=swg27015148>

Videos with presentations

Channel DB2: <http://www.channeldb2.com/>

YouTube: http://www.youtube.com/results?search_query=Db2+&aq=f



Helpful DB2 Websites

DB2 info:	http://www.ibm.com/software/data/db2
Why DB2:	http://www.ibm.com/software/data/highlights/db2leads.html
DB2 for developers :	http://www.ibm.com/developerworks/db2/
DB2 LUW Support fixpaks:	http://www-01.ibm.com/support/docview.wss?rs=71&uid=swg27007053
iSeries 5.4 InfoCenter	http://publib.boulder.ibm.com/infocenter/iseries/v5r4/
IBM redbooks	http://www.redbooks.ibm.com/
SW felanmälan:	http://www.ibm.com/software/support/probsub.html
IBM SW Support:	http://www.ibm.com/software/support/
IBM Data Management home:	http://www.ibm.com/software/data
DB2 for z/OS home:	http://www.ibm.com/software/data/db2/zos
DB2 portal på svenska	http://www.henfield.se/db2
DB2 diskussionsforum på svenska:	http://www.henfield.se/forum/index.php?c=2
DB2 Skill & Certification:	http://www.ibm.com/software/data/db2/skills
DB2 education:	http://www.ibm.com/software/data/education.html
DB2 Events Calendar:	http://www.ibm.com/software/data/events
DB2 Solutions & Case Studies:	http://www.ibm.com/software/data/solutions
DB2 Business Partners Solutions:	http://www.ibm.com/software/data/partners/solutions
IBM Database Magazine (subscription):	http://www.ibm.databasesmag.com/
IBM Redbooks:	http://www.redbooks.ibm.com
IBM Data Management Education:	http://www.ibm.com/software/data/education.html
IBM University Site:	http://www-304.ibm.com/jct09002c/university/scholars/ur/index.html
DB2 scholar program:	http://www.ibm.com/software/data/highered

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