

IBM Informix Dynamic Server V10.0 delivers a powerful, robust, easy-to-administer, enterprise database for on demand business

Overview

IBM Informix[™] Dynamic Server (IDS) V10.0 offers outstanding online transaction processing (OLTP) database performance while helping customers simplify and automate many of the tasks associated with deploying enterprise databases. IDS V10.0 contains features that speed application development, increase performance, improve data security, make replication more robust, and further ease the burden of database administration. Organizations can now free up skilled database administrator (DBA) resources and leverage their existing investment to focus on next-generation enterprise applications.

Highlights of IDS V10.0 include:

- A continued focus on improving quality and query performance. Enhancements include better memory allocation, configurable page sizes and being able to store and apply external optimizer directives.
- Availability and reliability enhancements include being able to create and drop indexes online without locking tables and point in time table level restore capability.

For Enterprise Replication users, multi-node online seamless re-synch is now possible.

For DBAs, the new true single user mode will make administration of the database server much simpler than ever before.

There have also been significant improvements in recovery time for fuzzy checkpoint users.

 Column level encryption will allow users to insert or update encrypted column level data in the database as well as query encrypted column level data WITHOUT application changes in order to help meet government regulatory data security requirements.

- Administrative enhancements including a more automated and intuitive installation process and the ability to rename dbspaces. Enterprise Replication administration and setup has been made much easier with the addition of replication templates and being able to alter replicated tables.
- To improve programmer productivity and provide choice of programming environments, IDS V10.0 provides deep support of both Java™/Eclipse and Microsoft™ .NET IDEs. These include the new IBM Rational® Development tools, JDBC 3.0 specification support and Microsoft Visual Studio .NET.
- IDS's Linux[™] leadership is maintained by exploitation of the Linux 2.6 kernel and the new I/O and memory management features found in this release.
- Upgrading to IDS V10.0 from IDS V9.x or IDS V7.x continues to be a highly automated, simple process.

IDS V10.0 packaging and licensing changes include:

- High Availability Data Replication (HDR) now offered as a separate chargeable option for IDS Workgroup Edition customers (IDS V10.0 only).
- IDS Workgroup Edition can now be run on machines with up to four CPUs (IDS V10.0 only).
- Customers with a valid IDS V9.x maintenance contract can upgrade to IDS V10.0 for no charge. Special trade-up pricing is available for IDS V7.x customers who are current on maintenance.

At a glance

IDS V10.0 focuses on OLTP excellence, ease of administration, and continued investment leveraging capabilities. Support of the latest industry standards, and integration with the latest development environments and middleware technology, allows robust on demand application development.

- Increased programmer productivity through support of Microsoft .NET, JDBC 3.0, and IBM Rational development tools
- Robust infrastructure that includes query performance improvements and column-level encryption
- Packaging and licensing enhancements

For ordering, contact:

Your IBM representative or the Americas Call Centers at

800-IBM-CALL Reference: YE001

Key prerequisites

Refer to the Hardware requirements and **Software requirements** sections.

Planned availability dates

- February 25, 2005, electronic software delivery.
- February 25, 2005, media and documentation.
- Mid-2005, IDS Express is planned to be available on both Linux and Microsoft Windows[™] platforms. (For details, refer to the Statement of direction section.)

This announcement is provided for your information only. For additional information, contact your IBM representative, call 800-IBM-4YOU, or visit the IBM home page at: http://www.ibm.com.

Description

For details, refer to the **Technical information** section of this announcement.

Section 508 of the U.S. Rehabilitation Act

Informix Dynamic Server (IDS) v10.x is capable as of February 25, 2005, when used in accordance with IBM's associated documentation, of satisfying the applicable requirements of Section 508 of the Rehabilitation Act, provided that any assistive technology used with the product properly interoperates with it.

Statement of direction

IBM is targeting mid-2005 for availability of IDS V10.0 Express Edition (IDS Express). IDS Express is designed to provide the performance, reliability, and ease of management that small and medium-sized businesses require at the right price, and provide application development flexibility and support in working with Business Partner applications. IDS Express is currently planned to be available on both Linux and Microsoft Windows platforms.

All statements regarding IBM's plans, directions, and intent are subject to change or withdrawal without notice.

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Linux is a trademark of Linus Torvalds in the United States, other countries or both

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IBM US Announcement Supplemental Information

February 22, 2005

Offering Information

Product information is available via the Offering Information Web site

http://www.ibm.com/common/ssi

Also, visit the Passport Advantage® Web site

http://www.ibm.com/software/passportadvantage

Publications

On February 25, 2005, the following can be ordered:

Publication title	Order number	Order from
IEM Informix(TM) Dynamic Server Installation Guide for Microsoft(TM) Windows(TM)	G251 2288	IBM Publications Center
IBM Informix Dynamic Server Installation Guide for UNIX(R) and Linux(TM)	G251 2289	IBM Publications Center

The following hardcopy publications in English are delivered with the product:

- IBM Informix Dynamic Server Installation Guide for Microsoft Windows
- IBM Informix Dynamic Server Installation Guide for UNIX and Linux

The IBM Publications Center

http://www.ibm.com/shop/publications/order

The Publications Center is a worldwide central repository for IBM product publications and marketing material with a catalog of 70,000 items. Extensive search facilities are provided. Payment options for orders are via credit card (in the U.S.) or customer number for 50 countries. A large number of publications are available online in various file formats, and they can all be downloaded by all countries free of charge.

The IBM Publications Notification System (PNS)

http://service5.boulder.ibm.com/pnsrege.nsf/ messages/welcome

PNS enables subscribers to set up profiles of interest by order number/product number. PNS subscribers automatically receive e-mail notifications of all new publications defined in their profiles. These may then be ordered/downloaded from the Publications Center.

The PNS site is available in English and Canadian French.

Technical information

Hardware requirements: IDS V10.0 runs on most systems that run UNIX, Linux, or Windows operating systems. For UNIX and Linux, we recommend a minimum of:

- 750 MB of disk space if using media to install, 1.5 GB required if copying media
- 256 MB of memory

For Windows, we recommend a minimum of:

- 600 MB of disk space if using media to install, 1.5 GB required if copying media
- 256 MB of memory

Software requirements

Minimum IDS V10.0 requirements:

- IBM eServer pSeries: AIX 5.2 and 5.3 (32- and 64-bit)
- IBM eServer (iSeries, pSeries, and zSeries): Linux 64-bit RHEL 3, SUSE SLES 9
- Sparc: Sun Solaris 8 and 9 (32- and 64-bit)
- PA-RISC: HP-UX 11i (11.11)(32- and 64-bit)
- Itanium: HP-UX 11i V2 (11.23)(64-bit)
- Itanium: Linux 64-bit RHEL 3, SUSE SLES 9
- Intel: Windows 2000, Windows XP, and Windows Server 2003 (32-bit)
- Intel: Linux (32-bit) RHEL 3, SUSE SLES 9
- Alpha: Tru64 5.1b (64-bit)
- MIPS: SGI Irix 6.5x (64-bit)

IBM Informix Java Database Connectivity, IBM Informix Server Administrator, and IBM Informix Connect Runtime are "Java-compatible" on the following platforms:

- IBM AIX/PPC32 SDK 1.4.2 (ca141-20030522)
- IBM Linux/A32 SDK 1.4.2 (cxia321411-20040301)
- Sun Solaris SDK 1.4.2 (1.4.1_02-b06)
- IBM Windows/IA32 SDK 1.4.2 (cn1411-20040301a)

Planning information

Software Maintenance, previously referred to as Software Subscription and Technical Support, is included in the Passport Advantage Agreement. Installation and technical support is provided by the Software Maintenance offering of the IBM International Passport Advantage Agreement. This fee service enhances customer productivity, with voice and electronic access into IBM support organizations.

This announcement is provided for your information only. For additional information, contact your IBM representative, call 800-IBM-4YOU, or visit the IBM home page at: http://www.ibm.com.

Packaging: IDS Enterprise Edition V10.0 and IDS Workgroup Edition V10.0 are offered on the following media:

- AIX V5.2, 5.3 32-bit CD
- HP-UX V11i 32-bit CD
- Solaris 8 and 9 32-bit CD
- AIX V5.2, 5.3 64-bit CD
- HP-UX V11i 64-bit CD
- HP Itanium V11.23 64-bit CD
- Solaris 8 and 9 64-bit CD
- SGI Irix V6.5 64-bit CD
- Windows 2000, Windows XP, Windows Server 2003 32-bit CD
- Tru 64 V5.1B 64-bit CD
- Linux for xSeries® RHEL 3, SUSE SLES 9 32-bit CD
- Linux Itanium RHEL 3, SUSE SLES 9 64-bit CD
- Linux for pSeries RHEL 3, SUSE SLES 9 64-bit CD
- Linux for zSeries® RHEL 3, SUSE SLES 9 64-bit CD

Complementary products/additional media include:

- Server Studio Java Edition by AGS LTD CD
- IDS Server Documentation CD
- IDS Translated Documentation CD
- Informix Spatial DataBlade™ Data Disk CDs
- Informix International Language Supplement CD
- Rational® Application Developer Trial CDs

Security, auditability, and control

IDS V10.x uses the security and auditability features of the host hardware or software.

The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

Ordering information

This product is only available via Passport Advantage. It is not available as shrinkwrap.

Product information

Licensed function title	Product group	Product category
Informix Dynamic Server HDR for Workgroup Edition	IBM Informix Enterprise Servers	Informix Dynamic Server
Informix Dynamic Server Enterprise Edition	IBM Informix Enterprise Servers	Informix Dynamic Server
Informix Dynamic Server Ent Edition Unlimited	IBM Informix Enterprise Servers	Informix Dynamic Server
Informix Dynamic Server Wkgroup Edition	IBM Informix Enterprise Servers	Informix Dynamic Server
Informix Dynamic Server Workgroup Edition Unlimited	IBM Informix Enterprise Servers	Informix Dynamic Server

This program is only available through Passport Advantage. Your use of the program may not exceed the level defined by the number of use authorizations you have acquired. Each edition of the program is available for licensing in accordance with one or more of the following levels of use:

Server means a machine or device on which the program is installed or executed.

Processor means a functional unit within a computing device that interprets and executes instructions. A processor consists of at least an instruction control unit and one or more arithmetic and logic units. With multi-core technology, each core is considered a processor. For example, in a dual-core chip, there are two processors. IBM software products that are priced per processor require two use authorizations when applied to a chip that uses dual-core technology. You must acquire a use authorization for each processor that is attached or available to the server (or computing device) on which the program is installed or executed.

Concurrent session, at a given point in time, is each logical connection existing at that time between the program and an end-user interface device. Each such existing connection is counted as a concurrent session whether or not it is actually in use. If an individual end user establishes multiple connections, each one is counted as a separate concurrent session, even if they share a common physical pathway. The number of connections is not reduced by any program or machine, such as a front-end server of multiplexer, which may be used to concentrate the connections. Each batch process being executed at the same time is also considered a concurrent session.

For the IDS Workgroup Edition licensed on a user basis, you must acquire use authorizations for both server and concurrent sessions. Note that each server use authorization includes one concurrent session use authorization. Therefore, for example, if you require a server and ten concurrent sessions, you should acquire one server use authorization and nine concurrent session use authorizations.

If used in a production environment, IDS Enterprise Edition licensed on a concurrent session basis requires a minimum of ten concurrent sessions per processor to be licensed. If used in a development environment, there is no minimum concurrent session license (use authorization) requirement. Use in a development environment is limited to the purposes of developing, evaluating, demonstrating, and testing application programs.

High availability/failover licensing

For programs running or resident on backup machines, IBM defines three types of situations: **cold**, **warm**, and **hot**. In the cold and warm situations, a separate license for the backup copy is normally not required, no additional charge applies, and IBM does not need to be notified. In a hot backup situation, the customer needs to acquire use authorization for this server. All programs running in backup mode must be under the customer's control, even if running at another enterprise location.

As a practice IBM has the following definitions and allowable actions concerning the copy of the program used for backup purposes:

- **Cold:** A copy of the program may be stored for backup purposes on a machine as long as the program has not been started. There is no charge for this copy and no additional use authorization is required.
- Warm: A copy of the program may reside for backup purposes on a machine and is started, but is "idling," and is not doing any work of any kind. There is no charge for this copy and no additional use authorization is required.
- **Hot:** A copy of the program may reside for backup purposes on a machine, is started, and is doing work. However, this program requires a use authorization.

If there is no use authorization, one must be acquired, and there is a charge for this copy.

Doing work includes, for example, production, reporting, development, program maintenance, and testing. Doing work does not include activities such as mirroring of transactions, updating of files, synchronization of programs, data, or other resources (for example, linking with another machine, program, database, or other resource).

The backup server should be licensed using the same licensing metric as the production server.

Passport Advantage program licenses

Informix Dynamic Server (IDS) v10.x

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Workgroup Ed. Conc.Session		N
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L	MAINT 12 MO IDS EEU zSeries(s/390) Proc fr Qualified Comp Proc TRDUP LIC+SW	D54D0LL
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IDS Enterprise Ed		E00QNLL
IDS Enterprise Ed		D52B8LL
IDS Enterprise Ed	zSeries (S/390) MAINT REINSTATE	D52B9LL
Informix IDS EEU 2 Proc fr IDS7 Proc MAINT 12 MO		D52E0LL
Informix IDS Ent E (S/390) CS fr IDS7 LIC+SW MAINT 1	EE CS TRDUP	D52DZLL

Media packs description

Part number

On/Off Capacity on Demand

Informix Dynamic Server Ent Edition Unlimited

Description	Part number
Informix Dynamic Server Enterprise Ed. Unlimited Proc DAY OOCoD Temp Use Ch	ASPS9LL
Informix Dynamic Server HDR for Workgroup Edition	
IDS HDR for Workgroup Edition Proc Day OOCoD Temp Use Chrg	D54XFLL
Informix Dynamic Server Workgroup Edition Unlimited	
Informix Dynamic Server WEU Processor Day OOCoD Temp Use Chrg	D53KPLL

Terms and conditions

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Part number products only, offered outside of Passport Advantage, where applicable, are license only and do not include Software Maintenance.

This software license includes Software Maintenance, previously referred to as Software Subscription and Technical Support.

For the **IDS Workgroup Edition**, you must acquire use authorizations for both server and concurrent sessions. Note that each server use authorization includes one concurrent session use authorization. Therefore, for example, if you require a server and ten concurrent sessions, you should acquire one server use authorization and nine concurrent session use authorizations.

For **IDS Enterprise Edition:** If used in a production environment, one must acquire use authorizations for a minimum of ten concurrent sessions per processor. If used in a development environment, there are no minimums. Use in a development environment is limited to the purposes of developing, evaluating, demonstrating, and testing application programs.

To trade up from any product to IDS V9.x or IDS V10.0, you must be current on the maintenance of the product from which you are trading up.

License information form numbers

Program name	Program number	Form number
IDS V10.x	5724-L23	L-KMOE-66TQJU

Limited warranty: Yes

Warranty: This program has warranty for a minimum of one year from acquisition from IBM or authorized IBM Business Partner. The warranty provided to the customer, for at least one year from acquisition, is access to databases (read Web sites) for program information

and FAQs, including any known fixes to defects, which the customer can download or obtain otherwise and install at leisure.

Program technical support: Technical support of a program product will be available for a minimum of three years from the general availability date, as long as your Software Maintenance is in effect. This technical support allows you to obtain assistance (via telephone or electronic means) from IBM for product-specific, task-oriented questions regarding the installation and operation of the program product. Software Maintenance also provides you with access to updates, releases, and versions of the program. Customers will be notified, via announcement letter, of discontinuance of support with 12 months' notice. If you require additional technical support from IBM, including an extension of support beyond the discontinuance date, contact your IBM representative or IBM Business Partner. This extension may be available for a fee.

Money-back guarantee: If for any reason you are dissatisfied with the program, return it within 30 days from the invoice date, to the party (either IBM or its reseller) from whom you acquired it, for a refund. This applies only to your first acquisition of the program.

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