



IBM Informix Dynamic Server V9.4 and Related Products Available for Linux zSeries

Overview

IBM's Passport Advantage® program enables worldwide volume licensing of software from IBM, including DB2®, WebSphere®, Lotus®, and Tivoli®. This complete, flexible offering covers licenses and Software Maintenance for IBM distributed products.

The following Informix™ products are now available on the Linux zSeries® platform through IBM's Passport Advantage offering:

- IBM Informix Dynamic Server V9.4
- IBM Informix Client SDK V2.81
- IBM Informix Connect Runtime V2.81
- IBM Informix Server Administrator V1.5
- IBM Informix 4GL V7.32
- IBM Informix SQL V7.32

In addition, IBM Informix Dynamic Server V9.3 is replaced by IBM Informix Dynamic Server V9.4 in the following IBM Data Management Gold Bundles:

- IBM Data Management Gold Transaction Processing Bundle for Enterprise V8.x
- IBM Data Management Gold Transaction Processing Bundle for Small and Medium Businesses V8.x

Note: The IBM Data Management Gold Transaction Processing Bundles do not include the Linux zSeries platform.

For more detailed information, refer to the **Description** section.

Key Prerequisites

Refer to the **Hardware Requirements** section of this document.

Availability Date

June 10, 2003 — Electronic Software Delivery and Media Pack on CD-ROM

At a Glance

IDS V9.4 and related products:

- Deliver the performance and reliability needed for always available, global, Web application-based online transaction processing (OLTP)
- Allow more business to be done with fewer resources, saving time and money
- Allow unlimited scalability through the removal of previous size limitations
- Maximize data operations for the workgroup and the global enterprise through enhanced replication capabilities
- Provide the ease of use, self-management, and embedded features needed to support Business Partners and their next-generation applications
- Improve usability for developers and system administrators by including Server Studio JE from AGS to allow SQL Editing and Schema exploration

For ordering, contact:

Your IBM representative, an IBM Business Partner, or the Americas Call Centers at

800-IBM-CALL

Reference: YE001

Description

Informix Dynamic Server V9.4 is a best-of-breed, general-purpose OLTP database for the enterprise and workgroup. IDS V9.4:

- Is based on the parallel everything, fully multithreaded Dynamic Scalable Architecture (DSA). This facilitates more efficient hardware resource utilization so you need less hardware to support your growing business needs.
- Uses object relational technology that dramatically increases the performance and efficiency of enterprise applications.
- Is a scalable database that dynamically adjusts core engine operational parameters, without degradation of performance, as requirements occur for larger databases or more concurrent users. This saves administrative time and resource as well as making more efficient use of hardware resources.
- Shows performance improvements of 8% to 15% over all previous IDS releases, based on internal performance testing.
- Removes many of the previous IDS size limitations. IDS V9.4 can handle greater than 2 GB chunks of data and much larger instance and file sizes than in previous releases. The net result is that up to 128 petabytes can now be stored in a single instance. (128 petabytes is equal to 12,800 Libraries of Congress!)
- Enhances application and data availability exponentially, using proprietary High Availability Data Replication (HDR) and Enterprise Replication (ER) technologies to coexist within the same instance.
- Provides the highest levels of enterprise application availability while increasing transaction rates and response times. This enhances ease of management and decreases total cost of operation.
- Continues to support the latest industry standards, including JDBC, ODBC, and OLE/DB.
- Makes upgrading from IDS V7.x simple and reliable.

Features and Attributes

IDS V9.4 Enterprise Edition: IDS V9.4 Enterprise Edition features and attributes include:

- **High availability**
 - Point-in-time instance-wide restore
 - Table-level backup and recovery
 - XBSA support for easy integration of third-party backup tools
 - Support for high-availability clustering solutions
- **High-performance technology**
 - Multithreaded architecture for SMPs with asynchronous I/O
 - Cascading deletes; ability to alter tables in-place and add and delete columns in seconds; bidirectional indices
- **Federated data access**
 - IBM distributed SQL supports queries across multiple IBM and third-party databases with our Enterprise Gateway products.

- **Data Partitioning** — Partition your data across multiple disks or disk subsystems via simple round-robin distribution or powerful range (expression)-based fragmentation techniques.
- **Parallel Data Query** — Once your data is partitioned, you can leverage IDS's parallel data query technology to query each partition in parallel. Use this feature to dramatically speed the queries in your applications.
- **Parallel Backup and Restore** — IDS Enterprise Edition can back up and restore your data in parallel. No need to serially back up your database. Instead, back up each partition individually. Online consistent backups.
- **Parallel Load and Unload** — The high-performance loader provided with IDS Enterprise Edition takes advantage of IDS's data partitioning model to speed moving data in and out of your database.
- **Enterprise Replication** — A high-speed, very flexible, low-latency replication solution that is ideal for the needs of the enterprise.
- **High Availability Data Replication (HDR)** — HDR is IDS's proven high-availability solution. HDR has been shipping with IDS since 1993 and continues to provide the very high levels of continuous availability that Informix customers have enjoyed for nearly a decade.

Core Products

IBM Informix Dynamic Server V9.4 includes the following core products.

IBM Informix Connect V2.81: A runtime connectivity product that includes the runtime libraries of the IBM Informix Client SDK product. These libraries are required by applications running on client machines when accessing Informix servers. Informix Connect is needed when finished applications are ready to be deployed.

IBM Informix Server Administrator V1.5: A browser-based, cross-platform database server administration tool. It provides an easy-to-use interface for the IDS command line, thus eliminating the need to memorize commands and options.

IBM Informix Java™ Database Connectivity (JDBC) V2.21: The JavaSoft specification of a standard API that allows Java programs to access database management systems. The JDBC API consists of a set of interfaces and classes written in the Java programming language. This JDBC driver also includes Embedded SQL/J, which supports embedded SQL in Java. JDBC V2.21 is a platform-independent, industry-standard Type 4 JDBC driver that provides enhanced support for distributed transactions and is optimized to work with IBM WebSphere Application Server. JDBC V2.21 promotes accessibility to IBM Informix database servers from Java client applications, provides openness through XML support, fosters scalability through its connection pool management feature, and supports extensibility with a user-defined data type (UDT) routine manager that simplifies the creation and use of UDTs.

Related Products

IBM Informix Client SDK V2.81: IBM Informix Client SDK V2.81 contains a collection of APIs that can speed development of applications that work with IBM Informix database servers. Using Client SDK, developers can write applications in the language they prefer, whether it is Java, C++, C, ESQL, or any application tools with ODBC and/or OLE/DB access. This flexibility allows more choice in programming environments, promotes easier

and faster application development, and reduces the cost of training developers in new skills. Using Client SDK, developers can build one application to access multiple IBM Informix databases. This saves maintenance and support expenses, minimizes downtime, and further speeds application development.

IBM Informix Client SDK V2.81 includes the following components:

- IBM Informix ESQL/C V9.53
- IBM Informix ODBC Driver V3.82
- IBM Informix OLEDB Provider V2.81 (Win32 only)
- IBM Informix Object Interface for C++ V2.84
- IBM Informix JDBC driver V2.21 (Type 4) and IBM Informix Embedded SQL/J V1.01
- IBM Informix Connect V2.81

IBM Informix Client SDK provides a number of business benefits:

- As a high-performance OLEDB provider, it brings solid data access improvement and unicode support to Microsoft™ Visual Basic or Visual C++ applications that require data access in a variety of locations and formats.
- A unicode-enabled, industry-standard compliant ODBC driver enables developers to dynamically access a broad range of Informix database servers, including IDS, XPS, OnLine, and Standard Engine.
- A more robust and feature-rich ESQL/C module adds flexibility and reliability for Informix OnLine Extended customers with ESQL/C application development needs and benefits Informix 4GL customers who write applications connecting to IDS servers.
- ODBC/OLEDB will support Microsoft .NET applications to access an IDS server via Visual Studio .NET bridge for ODBC/OLEDB.
- Server support is provided for those customers developing applications that exploit new IDS V9.4 features.
- JDBC V2.2x is a platform-independent, industry-standard Type 4 JDBC driver that provides enhanced support for distributed transactions and is optimized to work with the IBM WebSphere Application Server.

IBM Informix 4GL V7.32: IBM Informix 4GL provides great value in performing significant server-side logic — as opposed to simple stored procedure components — in a rich, debuggable language that promotes programmer efficiency. Customer applications range from online transaction processing (OLTP) applications like order entry, distribution, and business office, to batch processing.

IBM Informix 4GL includes the following products:

- 4GL Compiler Development
- 4GL Compiler Runtime
- 4GL RDS Development
- 4GL RDS Runtime
- 4GL Interactive Debugger

Summary

- Provides rapid development and interactive debugging capabilities
- Offers high performance in the production environment
- Integrates the functionality you need for building even the most complex applications
- Does not require the use of a third-generation language
- Allows you to easily maintain your applications for years to come
- Is based on industry-standard SQL
- Is easily portable

Business Benefits

- Provides a rapid application development environment
- Offers excellent business reporting capabilities
- Enables intense server-side batch processing
- Is ideal for non-visual, update, and calculation-intensive logic
- Supports IDS V9.4 features through expanded global support and through greater efficiency via the IBM Informix Client Software Development Kit (CSDK)

IBM Informix SQL V7.32: IBM Informix SQL provides great value in performing simple tasks when users need access to their data. Customer applications range from OLTP applications like order entry, distribution, and back-office, to reports out of the database.

IBM Informix SQL includes the following products:

- SQL Development
- SQL Runtime

Summary

- Provides rapid development for green-screen terminals and applications
- Does not require the use of a programming language
- Allows you to easily maintain your applications for years to come
- Is based on industry-standard SQL
- Is easily portable

Business Benefits

- Provides rapid application development and reporting
- Supports IBM IDS, IBM Informix SE, and IBM Informix OnLine 5
- Offers expanded global support

IBM Informix SQL Solves Market Problems

- Enables customers to quickly get access to their data for evaluation
- Provides easy reporting capabilities for quick data analysis
- Is an ideal language for character-based terminal deployment

Trademarks

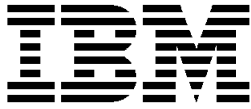
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Java is a trademark of Sun Microsystems, Inc.

Other company, product, and service names may be trademarks or service marks of others.



IBM US Announcement Supplemental Information

June 10, 2003

Offering Information

Product information will be available on day of announcement through the Offering Information tool at:

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

and through the Passport Advantage® Web site at:

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

Publications

Informix™ documentation is offered in displayable softcopy form from the IBM Publications Center at:

<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 or customer number. A large number of publications are available online in various file formats, and they can all be downloaded free of charge.

The Publications Notification System (PNS) enables subscribers to set up profiles of interest by order number or product number. PNS subscribers automatically receive notifications by e-mail of all new publications defined in their profiles. These may then be ordered or downloaded via the Publications Center at:

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

Technical Information

Specified Operating Environment

Hardware Requirements

IBM Informix Dynamic Server V9.4 runs on most zSeries® Linux systems. However, we recommend a minimum of:

- 500 MB of disk space
- 128 MB of memory
- One dedicated CPU

When running in a zSeries Linux environment, **IBM Informix Client SDK** requires:

- 65 MB of available disk space
- 30 MB of additional available disk space for IBM Informix JDBC driver V2.2 and embedded SQL/J

Many applications will require substantially larger systems. Your IBM representative will work with you to optimize the hardware required for your application.

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>.

For more information, refer to the Web site at:

<http://www.ibm.com/software/data/informix/support>

The **IBM Informix 4GL V7.32** products have the following minimum hard disk requirements:

- 4GL Compiler Development — 150 MB
- 4GL Compiler Runtime — 50 MB
- 4GL RDS Development — 150 MB
- 4GL RDS Runtime — 50 MB
- 4GL Interactive Debugger — 50 MB

In addition, they require a minimum of 128 MB RAM.

Note: Disk space requirements do not increase incrementally if multiple 4GL products are installed in the same directory as they have overlapping files.

The **IBM Informix SQL V7.32** products have the following minimum hard disk requirements:

- SQL Development — 150 MB
- SQL Runtime — 50 MB

In addition, they require a minimum of 128 MB RAM.

Software Requirements

Minimum **Informix Dynamic Server V9.4** software requirements are as follows:

- zSeries Linux: kernel version 2.4.x

IDS **Client Java™** requirements:

- JDBC 2.21 requires JDK 1.2, JDK 1.3, or JDK 1.4.

IDS **Server Java** requirements:

- J/Foundation requires JDK 1.3.x (refer to Machine/Release Notes for correct version/vendor for your platform).

Note: IDS with J/Foundation is certified with a single JVM on each platform at a particular version. Customers must use that JVM and version.

IBM Informix Client SDK/Connect requires:

- Native TCP/IP protocol
- Native C/C++ Compiler
- Java

Note: IBM Informix JDBC driver V2.21 and embedded SQL/J require JVM compatibility with SunSoft's JDK 1.2 or higher, which is compliant with JDBC 2.0 specifications.

Note: **IBM Informix Server Administrator V1.5** will support Windows® Server 2003 upon its release.

The **IBM Informix 4GL V7.32** products have the following minimum software requirements:

- IBM Informix OnLine 5.1, 5.20
- IBM Informix SE 5.1

- IBM Informix SE 7.2x
- IBM Informix IDS 7.3 and 9.x
- C Compiler
- Linux 2.4.2-5.0, gcc 2.95.3, glibc 2.2.2-10

The **IBM Informix SQL V7.32** products have the following minimum software requirements:

- IBM Informix OnLine 5.1, 5.20
- IBM Informix SE 5.1
- IBM Informix SE 7.2x
- IBM Informix IDS 7.3 and 9.x
- C Compiler
- Linux 2.4.2-5.0, gcc 2.95.3, glibc 2.2.2-10

For more information, refer to the Web site at:

<http://www.ibm.com/software/data/informix/support>

Planning Information

Packaging

Informix Dynamic Server V9.4 — zSeries (S/390®) Package

- IBM International Program License Agreement (IPLA) in multilanguage booklet and its License Information (LI) in multiple languages
- One Passport Advantage customer letter
- One Client Installation Guide
- One DataBlade™ Installation and Registration Guide 4.0A
- One IBM Informix Dynamic Server Getting Started Guide 9.4
- One IBM Informix Dynamic Server Installation Guide for UNIX® and Linux 9.4
- Six CD-ROMs, including one Language Supplement CD

Informix Client SDK V2.81 — zSeries (S/390) Package

- IBM IPLA in multilanguage booklet and its LI in multiple languages
- One Passport Advantage customer letter
- One Client Installation Guide
- Four CD-ROMs

Informix Connect Runtime V2.81 — zSeries (S/390) Package

- IBM IPLA in multilanguage booklet and its LI in multiple languages
- One Passport Advantage customer letter
- One Client Installation Guide
- Four CD-ROMs

Informix Server Administrator V1.5 — zSeries (S/390) Package

- IBM IPLA in multilanguage booklet and its LI in multiple languages
- One Passport Advantage customer letter
- One CD-ROM

4GL Compiler Development V7.32 — zSeries (S/390) Package

- IBM IPLA in multilanguage booklet and its LI in multiple languages
- One Passport Advantage customer letter
- One Informix 4GL Installation Guide V7.32
- Two CD-ROMs

4GL Compiler Runtime V7.32 — zSeries (S/390) Package

- IBM IPLA in multilanguage booklet and its LI in multiple languages
- One Passport Advantage customer letter
- One Informix 4GL Installation Guide V7.32
- Two CD-ROMs

4GL Interactive Debugger V7.32 — zSeries (S/390) Package

- IBM IPLA in multilanguage booklet and its LI in multiple languages
- One Passport Advantage customer letter
- One Informix 4GL Installation Guide V7.32
- Two CD-ROMs

4GL RDS Development V7.32 — zSeries (S/390) Package

- IBM IPLA in multilanguage booklet and its LI in multiple languages
- One Passport Advantage customer letter
- One Informix 4GL Installation Guide V7.32
- Two CD-ROMs

4GL RDS Runtime V7.32 — zSeries (S/390) Package

- IBM IPLA in multilanguage booklet and its LI in multiple languages
- One Passport Advantage customer letter
- One Informix 4GL Installation Guide V7.32
- Two CD-ROMs

SQL Development V7.32 — zSeries (S/390) Package

- IBM IPLA in multilanguage booklet and its LI in multiple languages
- One Passport Advantage customer letter
- One UNIX Product Installation Guide V7.21
- Two CD-ROMs

SQL Runtime V7.32 — zSeries (S/390) Package

- IBM IPLA in multilanguage booklet and its LI in multiple languages
- One Passport Advantage customer letter
- One UNIX Product Installation Guide V7.21
- Two CD-ROMs

This program, when downloaded from a Web site, contains the applicable IBM license agreement, and License Information (LI), if appropriate, which will be presented for acceptance at the time of installation of the

program. The license and LI will be stored in a directory such as LICENSE.TXT for future reference.

Ordering Information

Product Group: IBM Database Management

Product Identifier Description	Program Number
IBM Informix Dynamic Server V9.4	5724-C17
IBM Informix Client SDK V2.81	5724-C23
IBM Informix Connect Runtime V2.81	5724-C24
IBM Informix Server Administrator V1.5	5724-C27
IBM Informix SQL V7.32	5724-C55
IBM Informix 4GL V7.32	5724-C66
IBM Data Management Gold Transaction Processing Bundle for Enterprise V8.x	5724-E18
IBM Data Management Gold Transaction Processing Bundle for Small and Medium Businesses V8.x	5724-E22

Product Category: IBM Informix

The selected IBM Informix products are available through IBM's Passport Advantage offering. The charge structure (level of use) of a given Program is specified by one or more of the following:

- **Server** — "Server" means a server on which the Program is installed or executed.
- **Processor** — "Processor" means a processor that forms part of the server on which the Program is installed or executed. You must acquire a use authorization for each such Processor.
- **Concurrent Session** — A "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 or multiplexer, which may be used to concentrate the connections. Each batch process being executed at the same time is also considered to be a Concurrent Session.
- **Registered User** — A "Registered User" of a Program is a specific individual authorized by you to use the Program. Such an individual is a Registered User whether or not they are actually using the Program.

Passport Advantage Part Numbers

Program Name/Description	Part Number
IBM Informix Dynamic Server V9.4	
Informix Dynamic Server Extended Edition V9.4 zSeries 64 bit Media Pack English	BB0HPNA
Informix Dynamic Server Extended Edition Unlimited V9.4 zSeries 64 bit Media Pack English	BB0HQNA
Informix Dynamic Server Extended Edition V9.4 Linux zSeries Concurrent Session LIC+SW MAINT 12 MONTHS	D52B8LL

Program Name/Description	Part Number
Informix Dynamic Server Extended Edition V9.4 Linux zSeries Concurrent Session ANNUAL SW MAINT RNWL	E00QNLL
Informix Dynamic Server Extended Edition V9.4 Linux zSeries Concurrent Session SW MAINT REINSTATE 12 MONTHS	D52B9LL
Informix Dynamic Server Extended Edition V9.4 zSeries Concurrent Session from IDS7 Enterprise Edition Tradeup LIC+SW MAINT 12 MONTHS	D52DZLL
Informix Dynamic Server Extended Edition Unlimited V9.4 Linux zSeries Processor LIC+SW MAINT 12 MONTHS	D52BALL
Informix Dynamic Server Extended Edition Unlimited V9.4 Linux zSeries Processor ANNUAL SW MAINT RNWL	E00QPLL
Informix Dynamic Server Extended Edition Unlimited V9.4 Linux zSeries Processor SW MAINT REINSTATE 12 MONTHS	D52BBLL
Informix Dynamic Server Extended Edition Unlimited V9.4 zSeries Processor from IDS7 Processor Tradeup LIC+SW MAINT 12 MONTHS	D52E0LL

IBM Informix Client SDK V2.81

Informix Client SDK V2.81 zSeries Media Pack English	BB0IHNA
Informix Client SDK V2.81 zSeries Registered User LIC+SW MAINT 12 MONTHS	D52B6LL
Informix Client SDK V2.81 zSeries Registered User ANNUAL SW MAINT RNWL	E00QMLL
Informix Client SDK V2.81 zSeries Registered User SW MAINT REINSTATE 12 MONTHS	D52B7LL

IBM Informix Connect Runtime V2.81

Informix Connect Runtime V2.81 zSeries Media Pack English	BB0IINA
Informix Connect Runtime V2.81 zSeries Registered User LIC+SW MAINT 12 MONTHS	D52AJLL
Informix Connect Runtime V2.81 zSeries Registered User ANNUAL SW MAINT RNWL	E00QBLL
Informix Connect Runtime V2.81 zSeries Registered User SW MAINT REINSTATE 12 MONTHS	D52AKLL

IBM Informix Server Administrator V1.5

Informix Server Administrator V1.5 zSeries Media Pack English	BB0HNNA
Informix Server Administrator V1.5 Linux zSeries Concurrent Session LIC+SW MAINT 12 MONTHS	D52BCLL
Informix Server Administrator V1.5 Linux zSeries Concurrent Session ANNUAL SW MAINT RNWL	E00QQLL
Informix Server Administrator V1.5 Linux zSeries Concurrent Session SW MAINT REINSTATE 12 MONTHS	D52BDLL

Program Name/Description	Part Number	Program Name/Description	Part Number
IBM Informix 4GL for Linux zSeries V7.32		IBM Informix SQL for Linux zSeries V7.32	
Informix 4GL Compiler Development V7.32 zSeries Media Pack English	BB0I3NA	Informix SQL Development V7.32 zSeries Media Pack English	BBOIANA
Informix 4GL Compiler Development Registered User LIC+SW MAINT 12 MONTHS	D52ANLL	Informix SQL Development Registered User LIC+SW MAINT 12 MONTHS	D52AYLL
Informix 4GL Compiler Development Registered User ANNUAL SW MAINT RNWL	E00QDLL	Informix SQL Development Registered User ANNUAL SW MAINT RNWL	E00QILL
Informix 4GL Compiler Development Registered User SW MAINT REINSTATE 12 MONTHS	D52APLL	Informix SQL Development Registered User SW MAINT REINSTATE 12 MONTHS	D52AZLL
Informix 4GL Compiler Runtime V7.32 zSeries Media Pack English	BB0I5NA	Informix SQL Runtime V7.32 zSeries Media Pack English	BBOICNA
Informix 4GL Compiler Runtime Processor LIC+SW MAINT 12 MONTHS	D52ASLL	Informix SQL Runtime Concurrent Session LIC+SW MAINT 12 MONTHS	D52B4LL
Informix 4GL Compiler Runtime Processor ANNUAL SW MAINT RNWL	E00QGLL	Informix SQL Runtime Concurrent Session ANNUAL SW MAINT RNWL	E00QLLL
Informix 4GL Compiler Runtime Processor SW MAINT REINSTATE 12 MONTHS	D52AVLL	Informix SQL Runtime Concurrent Session SW MAINT REINSTATE 12 MONTHS	D52B5LL
Informix 4GL Compiler Runtime Concurrent Sessions LIC+SW MAINT 12 MONTHS	D52ATLL	Informix SQL Runtime Processor LIC+SW MAINT 12 MONTHS	D52B0LL
Informix 4GL Compiler Runtime Concurrent Sessions ANNUAL SW MAINT RNWL	E00QFLL	Informix SQL Runtime Processor ANNUAL SW MAINT RNWL	E00QJLL
Informix 4GL Compiler Runtime Concurrent Sessions SW MAINT REINSTATE 12 MONTHS	D52AULL	Informix SQL Runtime Processor SW MAINT REINSTATE 12 MONTHS	D52B1LL
Informix 4GL RDS Development V7.32 zSeries Media Pack English	BBOI1NA	These products are available through IBM's Passport Advantage offering. The software license for these products includes Software Maintenance.	
Informix 4GL RDS Registered User LIC+SW MAINT 12 MONTHS	D52AWLL	Software Maintenance — previously available separately as Software Subscription and Technical Support — is the most effective way for you to ensure that your users have the latest technology at their fingertips and maintain the highest levels of productivity. With Software Maintenance, your IS technical staff has continual access to IBM software technical support centers as needed.	
Informix 4GL RDS Registered User ANNUAL SW MAINT RNWL	E00QHLL	Software Maintenance is the most effective strategy for staying up to date and assuring technical support coverage is available whenever you need it. It provides you with access to new versions and releases of the product and allows for cross-platform migration at no extra cost during the coverage period.	
Informix 4GL RDS Registered User SW MAINT REINSTATE 12 MONTHS	D52AXLL	In addition to software upgrades, an integral part of Software Maintenance is technical support designed to meet the support requirements of a customer running multiple IBM products in a complex environment. The support is not intended as an end-user support offering, but is designed to supplement your support staff by providing telephone and electronic cross-platform support for routine, short duration installation, as well as usage (how-to) questions, and code-related problems.	
Informix 4GL RDS Runtime V7.32 zSeries Media Pack English	BBOI7NA	Software Maintenance is automatically included with the license until the first or second anniversary date of your Passport Advantage contract, dependent on the anniversary coverage you selected with your initial acquisition.	
Informix 4GL RDS Runtime Concurrent Session LIC+SW MAINT 12 MONTHS	D52ALLL	For additional information, including the latest changes to the IBM Passport Advantage offering, visit the IBM Passport Advantage Web site at:	
Informix 4GL RDS Runtime Concurrent Session ANNUAL SW MAINT RNWL	E00QCLL	http://www.ibm.com/software/passportadvantage	
Informix 4GL RDS Runtime Concurrent Session SW MAINT REINSTATE 12 MONTHS	D52AMLL		
Informix 4GL RDS Runtime Processor LIC+SW MAINT 12 MONTHS	D52B2LL		
Informix 4GL RDS Runtime Processor ANNUAL SW MAINT RNWL	E00QKLL		
Informix 4GL RDS Runtime Processor SW MAINT REINSTATE 12 MONTHS	D52B3LL		
Informix 4GL Interactive Debugger V7.32 zSeries Media Pack English	BBOI9NA		
Informix 4GL Interactive Debugger LIC+SW MAINT 12 MONTHS	D52AQLL		
Informix 4GL Interactive Debugger ANNUAL SW MAINT RNWL	E00QELL		
Informix 4GL Interactive Debugger SW MAINT REINSTATE 12 MONTHS	D52ARLL		

**Passport Advantage Customer: Media Pack
Entitlement Details**

Customers with active maintenance or subscription are entitled to receive the corresponding media pack.

IBM Informix Dynamic Server V9.4

Entitled Maintenance Offerings Description

- IXDSEWGSB04 — INFX DYN SVR ENTP ZSER CONC SSN
- IXDSEESB03 —INFX DYN SVR ENTP ULTD ZSER PROC

Media Pack Description	Part Number
Informix Dynamic Server Extended Edition V9.4 zSeries 64 bit Media Pack English	BB0HPNA
Informix Dynamic Server Extended Edition Unlimited V9.4 zSeries 64 bit Media Pack English	BB0HQNA

IBM Informix Client SDK V2.81

Entitled Maintenance Offerings Description

- IXCLISDKSB03 — IBM INFX CLIENT SDK ZSER REG USR
- IXCLISDKCNSS —INFMX CLIENT SDK REG USR

Media Pack Description	Part Number
Informix Client SDK V2.81 zSeries Media Pack English	BB0IHNA

IBM Informix Connect Runtime V2.81

Entitled Maintenance Offerings Description

- IXCRNTMCNSS —INFMX CONNECT RNTM CONC SESN
- IXCRNTMSB03 — IBM INFX CNCT RNTM ZSER CONC SSN

Media Pack Description	Part Number
Informix Connect Runtime V2.81 zSeries Media Pack English	BB0IINA

IBM Informix Server Administrator V1.5

Entitled Maintenance Offerings Description

- IXSVRADMSB03 —INFX SVR ADMIN ZSER CONC SSN

Media Pack Description	Part Number
Informix Server Administrator V1.5 zSeries Media Pack English	BB0HNNA

IBM Informix 4GL V7.32

Entitled Maintenance Offerings Description

- IXGCDVPSB03 — INFX 4GL CMLPR DVPT ZSER REG USR
- IX4GCRNTSB03 —INFX 4GL CMLPR RNTM ZSER CONC SSN
- IX4GCRNTSB04 — INFX 4GL CMLPR RNTM ZSER RNTM PROC
- IX4GRDDVSB03 — INFX 4GL RDS DVPT ZSER REG USR
- IX4GCDBDSB03 — INFX 4GL INTRACT DBUGR ZSER REG USR

Media Pack Description	Part Number
Informix 4GL Compiler Development V7.32 zSeries Media Pack English	BBOI3NA
Informix 4GL Compiler Runtime V7.32 zSeries Media Pack English	BBOI5NA
Informix 4GL RDS Development V7.32 zSeries Media Pack English	BBOI1NA
Informix 4GL RDS Runtime V7.32 zSeries Media Pack English	BBOI7NA
Informix 4GL ID V7.32 zSeries Media Pack English	BBOI9NA

IBM Informix SQL V7.32

Entitled Maintenance Offerings Description

- IXSQDVPTSB03 —INFX SQL DVPT ZSER REG USR
- IXSQRNTMSB03 —INFX SQL RNTM ZSER CONC SSN
- IXSQRNTMSB04 —INFX SQL RNTM ZSER PROC

Media Pack Description	Part Number
Informix SQL Development V7.32 zSeries Media Pack English	BBOIANA
Informix SQL Runtime V7.32 zSeries Media Pack English	BBOICNA

Withdrawal of Previous Passport Advantage Part Numbers

The following IBM Data Management Gold Transaction Processing Bundle V9.30 part numbers are being replaced or obsoleted by this announcement. The effective withdrawal date is July 10, 2003.

Orders for these part numbers will not be accepted after the stated effective date of withdrawal, nor will normal marketing activities or educational support be available unless previous agreement exists between the customer and IBM.

Withdrawal from Marketing Information

Program Name/Description	Part Number
Data Mgmt Gold Prg — Trans Proc IDS V9.30 AIX®, Solaris, HP-UX 32 bit English	BB0FBNA
Data Mgmt Gold Prg — Trans Proc IDS V9.30 Windows NT®, Windows 2000 English	BB0FDNA
Data Mgmt Gold Prg — Trans Proc IDS V9.30 Linux English	BB0FENA
Data Mgmt Gold Prg — Trans Proc IDS V9.30 Tru64 English	BB0FFNA
Data Mgmt Gold Prg — Trans Proc IDS V9.30 IRIX English	BB0FGNA
Data Mgmt Gold Prg — Trans Proc IDS V9.30 AIX, Solaris, HP-UX 64 bit English	BB0FHNA
Data Mgmt Gold Prg — Trans Proc IDS V9.30 Reliant UNIX 32/64 bit, UnixWare English	BB0FINA
Data Mgmt Gold Prg — Trans Proc IDS SMB V9.30 AIX, Solaris, HP-UX 32 bit English	BB0FVNA

Program Name/Description	Part Number
Data Mgmt Gold Prg — Trans Proc IDS SMB V9.30 Windows NT, Windows 2000 English	BB0FWNA
Data Mgmt Gold Prg — Trans Proc IDS SMB V9.30 Linux English	BB0FXNA
Data Mgmt Gold Prg — Trans Proc IDS SMB V9.30 Tru64 English	BB0FYNA
Data Mgmt Gold Prg — Trans Proc IDS SMB V9.30 IRIX English	BB0FZNA
Data Mgmt Gold Prg — Trans Proc IDS SMB V9.30 AIX, Solaris, HP-UX 64 bit English	BB0G0NA
Data Mgmt Gold Prg — Trans Proc IDS SMB V9.30 Reliant UNIX 32/64 bit, UnixWare English	BB0G1NA

New Release Information

Program Name/Description	Part Number
Data Mgmt Gold Prg — Trans Proc IDS V9.40 AIX, Solaris, HP-UX 32 bit English	BB0IENA
Data Mgmt Gold Prg — Trans Proc IDS V9.40 AIX, Solaris, HP-UX 64 bit English	BB0IFNA
Data Mgmt Gold Prg — Trans Proc IDS V9.40 Windows 2000, DigiUnix, Linux, IRIX MP English	BB0IGNA
Data Mgmt Gold Prg — Trans Proc IDS SMB V9.40 AIX, Solaris, HP-UX 32 bit English	BB0HRNA
Data Mgmt Gold Prg — Trans Proc IDS SMB V9.40 AIX, Solaris, HP-UX 64 bit English	BB0HSNA
Data Mgmt Gold Prg — Trans Proc IDS SMB V9.40 Windows 2000, DigiUnix, Linux, IRIX MP English	BB0HTNA

Terms and Conditions

Licensing: IBM International Program License Agreement. Proofs of Entitlement (PoE) are required for all authorized use. Part number products only, offered outside of Passport Advantage, where applicable, are license only and do not include Software Maintenance.

License Information Form Number

PID Description	Hardcopy Booklet	Softcopy Booklet
IBM Informix Dynamic Server V9.4	CT1YPML	C492LML
IBM Informix Client SDK V2.81	CT1UVML	C48KNML
IBM Informix Connect Runtime V2.81	CT1VDML	C48KFML
IBM Informix Server Administrator V1.5	CT1W7ML	C48S1ML
IBM Informix 4GL V7.32	CT1WIML	C48X2ML
IBM Informix SQL V7.32	CT1WJML	C48X3ML
IBM Data Management Gold Transaction Processing Bundle for Enterprise	CT1Y7ML	C48ZFML
IBM Data Management Gold Transaction Processing Bundle for Small and Medium Businesses	CT1Y8ML	C48A0ML

Limited Warranty Applies: Yes

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.

Copy and Use on Home/Portable Computer: No

Volume Orders (IVO): No

Passport Advantage Applies: Yes and through the Passport Advantage Web site at:

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

Usage Restriction: Yes

Minimums Apply: For IBM Informix Dynamic Server Enterprise Edition sold on a Concurrent Session basis, the licensee is required to license a minimum of 10 Users per CPU.

Trade-Up: IBM Informix Dynamic Server 7 and IBM Informix Dynamic Server V9.x are two separate products. IDS7 customers who wish to move to IDS V9.x may do so by purchasing an IDS trade-up license.

Note: If a secondary server is used in an HDR or ER scenario for backup and “failover” purposes only, it is not chargeable. If the secondary server is used to perform any sort of discrete functionality, including but not limited to report generation, this server must be licensed and paid for as a separate server.

Software Maintenance Applies: Yes

Software Maintenance, previously referred to as Subscription and Technical Support, is now included in the Passport Advantage Agreement. Installation and technical support for the products announced in this letter is provided by the Software Maintenance offering of the IBM International Passport Advantage Agreement. This fee service enhances customer productivity by providing voice and/or electronic access into the IBM support organizations.

IBM includes Software Maintenance with each program acquired during the coverage period. The coverage period means the period commencing on the date you acquire the program up to the first anniversary date. The coverage period for Software Maintenance acquired in the two months preceding an anniversary date will be extended to the next applicable anniversary date.

While your Software Maintenance is in effect, IBM provides you assistance for your (1) routine, short duration installation and usage (how-to) questions; and (2) code-related questions. IBM provides assistance via telephone and, if available, electronic access, only to your information systems (IS) technical support personnel during the normal business hours (published prime shift hours) of your IBM support center. (This assistance is not available to your end users.) IBM provides Severity 1 assistance 24 hours a day, every day of the year. For additional details, consult your *IBM Software Support Guide* at:

<http://techsupport.services.ibm.com/guides/handbook.html>

Software Maintenance does not include assistance for (1) the design and development of applications, (2) your use of programs in other than their specified operating

environment, or (3) failures caused by products for which IBM is not responsible under this agreement.

For more information about the Passport Advantage Agreement, refer to the IBM International Passport Advantage Agreement Software Announcement 201-202, dated July 10, 2001, or visit the Passport Advantage Web site at:

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

IBM Operational Support Services — Support Line: No

AIX/UNIX Upgrade Protection Applies: No

Entitled Upgrade for Current AIX/UNIX Upgrade Protection Licensees: No

iSeries™ Software Subscription Applies: No

Variable Charges Apply: No

Educational Allowance Available: Not applicable

Prices

Passport Advantage

For Passport Advantage and charges, contact your authorized IBM Lotus® Business Partner. Additional information is also available on the Passport Advantage Web site:

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