IBM®

IBM Informix Dynamic Server V9.4 and related products available through Passport Advantage

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 through IBM's Passport Advantage offering:

- IBM Informix Dynamic Server (IDS) V9.4
- IBM Informix Client SDK V2.81
- IBM Informix Connect V2.81
- IBM Informix Server Administrator V1.5

Also included in this announcement is a change in charge structure from **10 Concurrent Sessions** to **Concurrent Session** for the following:

- IBM Informix Dynamic Server 7 Extended Edition
- IBM Informix Dynamic Server Extended Edition V9.4

IDS V9.4 is a best-of-breed, general-purpose online transaction processing (OLTP) database for the enterprise and workgroup. It is available in three configuration options:

- **Workgroup Edition V9.4:** Ideal for small- to medium-size businesses and departmental solutions that require the power of an Enterprise Database.

- **Enterprise Edition V9.4:** Provides all of the features of IDS Workgroup Edition plus features that take advantage of today's large-scale SMP systems. License is based on number of concurrent sessions.

- **Enterprise Edition Unlimited V9.4:** Same features as IDS Enterprise Edition except license is CPU-based.

IDS V9.4 includes the following features:

- Is based on the parallel everything, fully multi-threaded Dynamic Scalable Architecture (DSA) that guarantees you industry-leading performance while maximizing your resource utilization.

- Offers improvements in performance, availability, reliability, scalability, security, and SQL compatibility.

- Removes many of the previous size limitations making IDS an industry-leading scalable database that dynamically adjusts core engine operating parameters for optimal usage of system resources.

- The High Availability Data Replication and Enterprise Replication of IDS V9.4 can now coexist on key nodes within a worldwide network.

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

Key prerequisites

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

Planned availability dates

- February 28, 2003: Electronic Software Delivery (eSD) for IBM Informix Client SDK V2.81 and IBM Informix Connect V2.81

- March 28, 2003: Electronic Software Delivery (eSD) and Media Pack on CD-ROM for IBM Informix Dynamic Server V9.4 and IBM Informix Server Administrator V1.5

- March 31, 2003: Media Pack on CD-ROM for IBM Informix Client SDK V2.81 and IBM Informix Connect V2.81

Description

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

- Is based on the parallel everything, fully multi-threaded 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 eight to fifteen percent over all previous IDS releases, based on internal performance testing.

- Removes many of the previous IDS size limitations. IDS V9.4 can now 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 HDR and 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.

- Upgrading from IDS V7.x to V9.4 is simple and reliable.

IDS V9.4 Workgroup 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

  – Supports high-availability clustering solutions

- **High-Performance Technology**

  – Multithreaded architecture for SMPs with asynchronous I/O

  – Cascading deletes; in-place table alters add and delete columns in seconds; bi-directional indices

- **Federated Data Access**

  – IBM distributed SQL supports queries across multiple IBM and third-party databases with our Enterprise Gateway products

IDS V9.4 Enterprise Edition

IDS V9.4 Enterprise Edition has all the features and attributes of Workgroup Edition plus:

- **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 backup and restore your data in parallel. No need to serially backup your database. Instead, backup 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.

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 IBM Informix Client SDK. 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.

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 SQLJ V1.01
- IBM Informix Connect V2.81

IBM Informix Client SDK provides a number of business benefits.

- As a high-performance OLEDB provider, 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.
- Provides server support 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.

Trademarks

Informix is a trademark of International Business Machines Corporation in the United States or other countries or both.

DB2 and WebSphere are registered trademarks of International Business Machines Corporation in the United States or other countries or both.

Microsoft is a trademark of Microsoft Corporation.
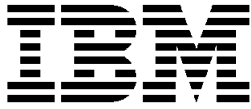
Java is a trademark of Sun Microsystems, Inc.

Tivoli is a registered trademark of International Business Machines Corporation or Tivoli Systems Inc. in the United States or other countries or both.

Lotus is a registered trademark of Lotus Development Corporation and/or IBM Corporation.

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

Offering information

Product information will be available on day of announcement through Offering Information (OITOOL) 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/product number. PNS subscribers automatically receive notifications by e-mail of all new publications defined in their profiles. These may then be ordered/downloaded via the Publications Center at:

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

Technical information

Specified operating environment

Hardware requirements

IDS V9.4 runs on most systems that run UNIX®, Linux, or Windows® operating systems. We recommend a minimum of:

- 500 MB of disk space
- 128 MB of memory

When running in a Windows environment, IBM Informix Client SDK requires:

- 486 MHz, or higher, processor
- 64 MB of memory
- 65 MB of available disk space
- 30 MB of additional available disk space for IBM Informix JDBC driver V2.2 and embedded SQL/J

When running in a UNIX workstation environment, IBM Informix Client SDK/Iconnect requires:

- 45 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.

For more information, refer to the Web site at:

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

Software requirements

Minimum **IDS V9.4** software requirements are as follows:

- IBM @server pSeries™
  AIX® 5.1 and 5.2 (32-bit)
  AIX 5.1 and 5.2 (64-bit)

- Sparc
  Sun Solaris 2.6, 7, 8, and 9 (32-bit)
  Sun Solaris 8 and 9 (64-bit)

- PA-RISC
  HP-UX 11.00 and 11i Version 1 (also known as 11.11) (32-bit)
  HP-UX 11.00 and 11i Version 1 (also known as 11.11) (64-bit)

- Intel®
  Windows 2000, Windows XP, and Windows Server 2003
  Linux (32 bit): kernel versions 2.4.7, or later
  Linux (32 bit): glibc versions 2.2.4, or later

- RedHat 7.2, 7.3, and 8.0

- Alpha
  Compaq Tru64 5.1, 5.1a, and 5.1b

- MIPS
  SGI Irix 6.5.x (32 bit)

Note: IDS V9.4 will support Windows Server 2003 upon its release.

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.

When running in a Windows environment, **IBM Informix Client SDK/Connect** requires:

- Windows NT® V4.0 (Service Pack 5, or later)

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.

- Windows 98/ME/XP, Windows 2000 Professional, Windows 2000 Server, or Windows Server 2003

- TCP/IP protocol that is Windows Sockets 1.1 compliant

- Microsoft Visual C++ Compiler V6.0

- MTS 2.0 (to enable use of the MTS feature for ODBC and OLEDB)

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

Note: Informix Client SDK will support Windows Server 2003 upon its release.

When running in a UNIX workstation environment, **IBM Informix Client SDK/Connect** requires:

- Native TCP/IP protocol

- Native C/C++ Compiler

- Java

- Sun Solaris 2.6, 7, 8, and 9 (32 bit)

- Sun Solaris 7, 8 and 9 (64 bit)

- HP-UX 11.0 and 11i Version 1 (also known as 11.11) (32 and 64 bit)

- AIX 4.3.3, 5.1, and 5.2 (32 bit)

- AIX 4.3.3 (64 bit)

- AIX 5.1 and 5.2 (64 bit)

- Compaq Tru64 5.1, 5.1a, and 5.1b

- Linux 2.4 (kernel 2.4, glibc 2.2.x) (32 bit)

- SGI IRIX 6.5 (32 bit)

- SCO OpenServer 5.05

Minimum **Informix Server Administrator** software requirements are as follows:

- pSeries
  AIX 4.3.3, 5.2, and 5.2 (32-bit)
  AIX 4.3.3, 5.2, and 5.2 (64-bit)

- Sparc
  Sun Solaris 2.6, 7, 8, and 9 (32-bit)
  Sun Solaris 8 and 9 (64-bit)

- PA-RISC

- HP-UX 11.0 and 11i Version 1 (also known as 11.11) (32-bit)

- HP-UX 11.0 and 11i Version 1 (also known as 11.11) (64-bit)

- Intel
  Windows NT, Windows 2000, Windows XP, and Windows Server 2003
  Linux (32-bit): glibc version 2.1.2, or later

- Alpha
  Compaq Tru64 4.0D, 5.2, 5.1a, and 5.1b

- MIPS SGI IRIX 6.5.x (32-bit)

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

Note: Informix Server Administrator will support Windows Server 2003 upon its release.

For more information, refer to the Web site at:

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

Planning information

Packaging

IDS V9.4 AIX, Solaris, HP-UX 32-bit Package — EE, EEU, WE

- IBM International Program License Agreement in multi-language booklet and its License Information in multiple languages

- One Informix Client Products Installation Guide for UNIX and Windows Environments

- 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

- Eight CD-ROMs, including one Language Supplement CD

IDS V9.4 AIX, Solaris, HP-UX 64-bit Package — EE, EEU, WE

- IBM International Program License Agreement in multi-language booklet and its License Information in multiple languages

- One Informix Client Products Installation Guide for UNIX and Windows Environments

- 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

- Eight CD-ROMs, including one Language Supplement CD

IDS V9.4 Windows 2000, Digital UNIX, Linux, IRIX Package — EE, EEU, WE

- IBM International Program License Agreement in multi-language booklet and its License Information in multiple languages

- One Informix Client Products Installation Guide for UNIX and Windows Environments

- 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 Microsoft Windows 9.4

- Nine CD-ROMs, including one Language Supplement CD

IDS V9.4 Doc Pack — EE, EEU, WE

- One IBM Informix Backup and Restore Guide

- One IBM Informix Database Design and Implementation Guide 9.4

- One IBM Informix DataBlade API Function Reference 9.4 Vol. 1

- One IBM Informix DataBlade API Function Reference 9.4 Vol. 2

- One IBM Informix DataBlade Development Kit 4.0A

- One IBM Informix DataBlade Development Overview 4.0A

- One IBM Informix DB-Access User's Manual

- One IBM Informix Dynamic Server Administrator's Guide 9.4 Vol 1

- One IBM Informix Dynamic Server Administrator's Guide 9.4 Vol 2

- One IBM Informix Dynamic Server Administrator's Reference 9.4

- One IBM Informix Dynamic Server Enterprise Replication Guide 9.4

- One IBM Informix Dynamic Server Performance Guide 9.4

- One IBM Informix Embedded SQL/J User Guide 1.01

- One IBM Informix GLS User's Guide 9.4

- One IBM Informix Guide to SQL: Reference 9.4

- One IBM Informix Guide to SQL: Tutorial 9.4

- One IBM Informix Guide to SQL: Syntax 9.4 Vol 1

- One IBM Informix Guide to SQL: Syntax 9.4 Vol 2

- One IBM Informix High-Performance Loader User's Guide 9.4

- One IBM Informix JDBC Programmer's Guide 2.21

- One IBM Informix Large Object Locator DataBlade Module User Guide 1.2

- One IBM Informix Migration Guide 9.4

- One IBM Informix ODBC Driver Programmer's Manual 3.82

- One IBM Informix Optical Subsystem Guide 9.4

- One IBM Informix R-Tree Index Developer's Guide 9.4

- One IBM Informix SNMP Subagent Guide

- One IBM Informix Storage Manager Administrator's Guide 9.4

- One IBM Informix Trusted Facility Guide 9.4

- One IBM Informix User-Defined Routines and Data Types Developer's Guide 9.4

- One IBM Informix Virtual-Index Interface Programmer's Guide 9.4

- One IBM Informix Virtual-Table Interface Programmer's Guide 9.4

- One IBM Informix DataBlade API Programmer's Manual 9.4 Vol 1

- One IBM Informix DataBlade API Programmer's Manual 9.4 Vol 2

Informix Client SDK V2.81 (32 bit) Package

- IBM International Program License Agreement in multi-language booklet and its License Information in multiple languages

- One Installation Guide for UNIX and Windows Client Products V2.81

- Eight CD-ROMs, including one Language Supplement CD

Informix Client SDK V2.81 (64 bit) Package

- IBM International Program License Agreement in multi-language booklet and its License Information in multiple languages

- One Installation Guide for UNIX and Windows Client Products V2.81

- Eight CD-ROMs, including one Language Supplement CD

Informix Client SDK V2.81 Windows/Linux Package

- IBM International Program License Agreement in multi-language booklet and its License Information in multiple languages

- One Installation Guide for UNIX and Windows Client Products V2.81

- Five CD-ROMs, including one Language Supplement CD

Informix Connect Runtime V2.81 UNIX (32 bit) Package

- IBM International Program License Agreement in multi-language booklet and its License Information in multiple languages

- One Installation Guide for UNIX and Windows Client Products V2.81

- Eight CD-ROMs, including one Language Supplement CD

Informix Connect Runtime V2.81 UNIX (64 bit) Package

- IBM International Program License Agreement in multi-language booklet and its License Information in multiple languages

- One Installation Guide for UNIX and Windows Client Products V2.81

- Eight CD-ROMs, including one Language Supplement CD

Informix Connect Runtime V2.81 Windows/Linux Package

- IBM International Program License Agreement in multi-language booklet and its License Information in multiple languages

- One Installation Guide for UNIX and Windows Client Products V2.81

- Five CD-ROMs, including one Language Supplement CD

Informix Server Administrator V1.5 Package

- IBM International Program License Agreement in multi-language booklet and its License Information in multiple languages

- Seven CD-ROMs

This program when downloaded from a Web site, contains the applicable IBM license agreement, and License Information (LI), if appropriate, and 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**

Program Name/Description	Program Number
IBM Informix Dynamic Server V9.4	5724-C17
IBM Informix Client SDK V2.81	5724-C23
IBM Informix Connect V2.81	5724-C24
IBM Informix Server Administrator V1.5	5724-C27
IBM Informix Dynamic Server 7	5724-D13

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.

Media and Doc Packs

Program Name/Description	Part Number
IDS Enterprise Edition V9.4	
Informix Dynamic Server EE V9.4 AIX, SOL, HP-UX 32bit Media Pack English	BB0GWNA
Informix Dynamic Server EE V9.4 AIX, SOL, HP-UX 64bit Media Pack English	BB0GXNA
Informix Dynamic Server EE V9.4 WIN2K, DigiUnix, Linux, IRIX Media Pack English	BB0GYNA
Informix Dynamic Server EE V9.4 Doc Pack English	BB0GZNA
IDS Enterprise Edition Unlimited V9.4	
Informix Dynamic Server EEU V9.4 AIX, SOL, HP-UX 32bit	BB0H4NA
Informix Dynamic Server EEU V9.4 AIX, SOL, HP-UX 64bit	BB0H5NA
Informix Dynamic Server EEU V9.4 WIN2K, DigiUnix, Linux, IRIX Media Pack English	BB0H6NA

Program Name/Description	Part Number
Informix Dynamic Server EEU V9.4 Doc Pack English	BB0H7NA
IDS Workgroup Edition V9.4	
Informix Dynamic Server WE V9.4 AIX, SOL, HP-UX 32bit Media Pack English	BB0H0NA
Informix Dynamic Server WE V9.4 AIX, SOL, HP-UX 64bit Media Pack English	BB0H1NA
Informix Dynamic Server WE V9.4 WIN2K, DigiUnix, Linux, IRIX Media Pack English	BB0H2NA
Informix Dynamic Server WE V9.4 Doc Pack English	BB0H3NA
Informix Client SDK V2.81	
Informix Client SDK V2.81 UNIX 32bit Media Pack English	BB0G8NA
Informix Client SDK V2.81 UNIX 64bit Media Pack English	BB0G9NA
Informix Client SDK V2.81 Windows, Linux Media Pack English	BB0GANA
Informix Client SDK V2.81 Doc Pack English	BB0GBNA
Informix Connect V2.81	
Informix Connect Runtime V2.81 UNIX 32bit Media Pack English	BB0GCNA
Informix Connect Runtime V2.81 UNIX 64bit Media Pack English	BB0GDNA
Informix Connect Runtime V2.81 Windows, Linux Media Pack English	BB0GENA
Informix Server Administrator V1.5	
Informix Server Administrator V1.5 Media Pack English	BB0GQNA

Passport Advantage Part Numbers

Program Name/Description	Part Number
IDS 7 Enterprise Edition	
Informix Dynamic Server 7 Enterprise Edition Concurrent Session License + SW Sub + Support to 1 Anniv	D527ZLL
Informix Dynamic Server 7 Enterprise Edition Concurrent Session License + SW Sub + Support to 2 Anniv	D5280LL
Informix Dynamic Server 7 Enterprise Edition Concurrent Session SW Sub + Std Support Renewal to 1 Anniv	E00PBLL
Informix Dynamic Server 7 Enterprise Edition Concurrent Session SW Sub + Std Support After License to 1 Anniv	D5281LL
IDS Enterprise Edition V9.4	
Informix Dynamic Server Enterprise Edition Concurrent Session Lic/SW Maint 1 Anniv	D5282LL
Informix Dynamic Server Enterprise Edition Concurrent Session Lic/SW Maint 2 Anniv	D5283LL

Program Name/Description	Part Number
Informix Dynamic Server Enterprise Edition Concurrent Session SW Maint Rnwl 1 Anniv	E00PCLL
Informix Dynamic Server Enterprise Edition Concurrent Session SW Maint Aft Lic 1 Anniv	D5284LL
Informix Dynamic Server 7 Enterprise Concurrent Session Trade Up License and SW Maint 1 Anniv	D5289LL

IDS Enterprise Edition Unlimited V9.4

Program Name/Description	Part Number
Informix Dynamic Server Enterprise Edition Unlimited Processor Lic/SW Maint 1 Anniv	D6DAXLL
Informix Dynamic Server Enterprise Edition Unlimited Processor Lic/SW Maint 2 Anniv	D6DAYLL
Informix Dynamic Server Enterprise Edition Unlimited Processor SW Maint Rnwl 1 Anniv	E2DAZLL
Informix Dynamic Server Enterprise Edition Unlimited Processor SW Maint Aft Lic 1 Anniv	D6DB0LL
Informix Dynamic Server 7 Enterprise Unlimited Edition Processor Trade Up License and SW Maint 1 Anniv	D5141LL

IDS Workgroup Edition V9.4

Program Name/Description	Part Number
Informix Dynamic Server Workgroup Edition Server Lic/SW Maint 1 Anniv	D6DB5LL
Informix Dynamic Server Workgroup Edition Server Lic/SW Maint 2 Anniv	D6DB6LL
Informix Dynamic Server Workgroup Edition Server SW Maint Rnwl 1 Anniv	E2DB7LL
Informix Dynamic Server Workgroup Edition Server SW Maint Aft Lic 1 Anniv	D6DB8LL
Informix Dynamic Server 7 Workgroup Edition Server Trade Up License and SW Maint 1 Anniv	D51APLL
Informix Dynamic Server Workgroup Edition Concurrent Session Lic/SW Maint 1 Anniv	D6DBDLL
Informix Dynamic Server Workgroup Edition Concurrent Session Lic/SW Maint 2 Anniv	D6DBELL
Informix Dynamic Server Workgroup Edition Concurrent Session SW Maint Rnwl 1 Anniv	E2DBFLL
Informix Dynamic Server Workgroup Edition Concurrent Session SW Maint Aft Lic 1 Anniv	D6DBGLL
Informix Dynamic Server 7 Workgroup Edition Concurrent Session Trade Up License and SW Maint 1 Anniv	D51AQLL

Informix Client SDK V2.81

Program Name/Description	Part Number
Informix Client SDK Registered User Lic/SW Maint 1 Anniv	D6DDNLL
Informix Client SDK Registered User Lic/SW Maint 2 Anniv	D6DDPLL
Informix Client SDK Registered User SW Maint Rnwl 1 Anniv	E2DDQLL
Informix Client SDK Registered User SW Maint Aft Lic 1 Anniv	D6DDRLL

Program Name/Description	Part Number
Informix Connect V2.81	
Informix Connect Runtime Concurrent Session Lic/SW Maint 1 Anniv	D6DDWLL
Informix Connect Runtime Concurrent Session Lic/SW Maint 2 Anniv	D6DDXLL
Informix Connect Runtime Concurrent Session SW Maint Rnwl 1 Anniv	E2DDYLL
Informix Connect Runtime Concurrent Session SW Maint Aft Lic 1 Anniv	D6DDZLL
Informix Server Administrator V1.5	
Informix Server Admin Concurrent Session Lic/SW Maint 1 Anniv	D6DEGLL
Informix Server Admin Concurrent Session Lic/SW Maint 2 Anniv	D6DEHLL
Informix Server Admin Concurrent Session SW Maint Rnwl 1 Anniv	E2DEILL
Informix Server Admin Concurrent Session SW Maint Aft Lic 1 Anniv	D6DEJLL

These products are available through IBM's Passport Advantage offering. The software license for these products includes Software Maintenance.

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.

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.

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.

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.

For additional information, including the latest changes to the IBM Passport Advantage offering, visit the IBM Passport Advantage Web site at:

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

Passport Advantage Customer: Media Pack Entitlement Details

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

Informix Dynamic Server V9.4 Enterprise Edition

Entitled Maintenance Offerings Description

- IXDSEWGSB02 ─ INFORMIX DYNAMIC SVR CONCUR SESSION

Media Packs Description	Part Number
Informix Dynamic Server EE V9.4 AIX, SOL, HP-UX 32bit Media Pack English	BB0GWNA
Informix Dynamic Server EE V9.4 AIX, SOL, HP-UX 64bit Media Pack English	BB0GXNA
Informix Dynamic Server EE V9.4 WIN2K, DigiUnix, Linux, IRIX Media Pack English	BB0GYNA

Informix Dynamic Server V9.4 Enterprise Edition Unlimited

Entitled Maintenance Offerings Description

- IXDSEEPROC ─ INFMX DYN SVR IDS ENTPR UNLTD PROC

Media Packs Description	Part Number
Informix Dynamic Server EEU V9.4 AIX, SOL, HP-UX 32bit Media Pack English	BB0H4NA
Informix Dynamic Server EEU V9.4 AIX, SOL, HP-UX 64bit Media Pack English	BB0H5NA
Informix Dynamic Server EEU V9.4 WIN2K, DigiUnix, Linux, IRIX Media Pack English	BB0H6NA

Informix Dynamic Server V9.4 Workgroup Edition

Entitled Maintenance Offerings Description

- IXDSWKGSVR ─ INFMX DYN SVR IDS WKGP SVR

- IXDSWKGCNSN ─ INFMX DYN SVR IDS WKGP CNC SSN

Media Packs Description	Part Number
Informix Dynamic Server WE V9.4 AIX, SOL, HP-UX 32bit Media Pack English	BB0H0NA
Informix Dynamic Server WE V9.4 AIX, SOL, HP-UX 64bit Media Pack English	BB0H1NA
Informix Dynamic Server WE V9.4 WIN2K, DigiUnix, Linux, IRIX Media Pack English	BB0H2NA

Informix Client SDK V2.81

Entitled Maintenance Offerings Description

- IXCLISDKCNSS ─ INFMX CLIENT SDK REG USER

Media Packs Description	Part Number
Informix Client SDK V2.81 UNIX 32bit Media Pack English	BB0G8NA
Informix Client SDK V2.81 UNIX 64bit Media Pack English	BB0G9NA
Informix Client SDK V2.81 Windows, Linux Media Pack	BB0GANA

Informix Connect V2.81

Entitled Maintenance Offerings Description

- IXCRNTMCNSS ─ INFMX CONNECT RNTM CONC SESN

Media Packs Description	Part Number
Informix Connect Runtime V2.81 UNIX 32bit Media Pack English	BB0GCNA
Informix Connect Runtime V2.81 UNIX 64bit Media Pack English	BB0GDNA
Informix Connect Runtime V2.81 Windows, Linux Media Pack English	BB0GENA

Informix Server Administrator V1.5

Entitled Maintenance Offerings Description

- IXSVRADMCNSS ─ INFMX SERVER ADMIN CONC SESN

Media Packs Description	Part Number
Informix Server Administrator V1.5 Media Pack English	BB0GQNA

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	LI Booklet
IBM Informix Dynamic Server V9.4	CT1YPML
IBM Informix Client Software Development Kit V2.81	CT1UVML
IBM Informix Connect V2.81	CT1VDML
IBM Informix Server Administrator V1.5	CT1W7ML

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

Informix Dynamic Server Enterprise Edition

The licensee is required to license a minimum of 10 users per CPU.

Informix Dynamic Server Workgroup Edition

The following restrictions apply only to Informix Dynamic Server V9.4 Workgroup Edition:

- **Server Limitation** ─ You may not install or use the program on a Server that has more than two processors.

- **Function Limitations** — You may not use the following functions of the program: parallel data query, data partitioning, parallel backup, parallel restore, parallel load, parallel unload, optical disks, Enterprise Replication (ER), High Availability Data Replication (HDR), VLM (ability to access more than 2 GB RAM).

The Workgroup Edition is priced on a server and concurrent session basis. The server license component is mandatory and each server license contains one concurrent session 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.

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.

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 or second anniversary date, depending on whether you acquired coverage for one or two anniversaries. 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:

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

Global financing

IBM Global Financing offers competitive financing to credit-qualified customers to assist them in acquiring IT solutions. Our offerings include financing for IT acquisition, including hardware, software, and services, both from IBM and other manufacturers or vendors. Offerings (for all customer segments: small, medium, and large enterprise), rates, terms, and availability can vary by country. Contact your local IBM Global Financing organization or visit the Web at:

> **http://www.ibm.com/financing**

Order now

To order, contact the Americas Call Centers, your local IBM representative, or your IBM Business Partner.

To identify your local IBM representative or IBM Business Partner, call 800-IBM-4YOU (426-4968).

```
Phone:      800-IBM-CALL (426-2255)
Fax:        800-2IBM-FAX (242-6329)
Internet:   ibm_direct@vnet.ibm.com
Mail:       The Americas Call Centers
            Dept. SE001
            P.O. Box 2690
            Atlanta, GA  30301-2690
```

Reference: SE001

The Americas Call Centers, our national direct marketing organization, can add your name to the mailing list for catalogs of IBM products.

Note: Shipments will begin after the planned availability date.

Trademarks

Informix, pSeries, and iSeries are trademarks of International Business Machines Corporation in the United States or other countries or both.

AIX is a registered trademark of International Business Machines Corporation in the United States or other countries or both.

Intel is a registered trademark of Intel Corporation.

Microsoft is a trademark of Microsoft Corporation.