



# IBM Informix and WebSphere Bundles advance e-business on demand in global Informix environments

## Overview

Informix™ customers can extend the responsiveness, focus, and resiliency of their applications by adding capabilities to existing IT investments. The advantage is a comprehensive e-business infrastructure with a fully compatible combination of IBM software that works together seamlessly.

Consider the interoperability of the latest Informix Dynamic Server (IDS) and WebSphere® software — enhanced and tested by IBM specifically to complement each other — for dynamic e-businesses.

## IBM Informix and WebSphere Enterprise Bundle

### Components

- IDS Enterprise Edition Unlimited V9.4
- IBM WebSphere Application Server V5.0.2
- IBM WebSphere Studio Application Developer V5.1

### Benefits

- IDS and WebSphere Application Server provide an open services infrastructure that lets you deploy a core operating environment for a reliable foundation capable of:
  - High scalability
  - Secure transactions
  - Web services
- IDS and WebSphere Studio Application Developer offer a robust application development environment that lets you respond quickly and efficiently to business needs through new e-business applications.

## IBM Informix and WebSphere Workgroup Bundle

### Components

- IDS Workgroup Edition V9.4
- IBM WebSphere Application Server — Express V5.0.2

### Benefits

IDS and WebSphere Application Server — Express deliver e-business on demand™ with cost-effective, entry-level solutions for small and medium-sized businesses.

### Key prerequisites

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

### Planned availability date

October 24, 2003

## At a glance

**A total, balanced, and successful e-business infrastructure for Informix customers: enterprise and small and medium businesses — SMB**

The powerful combination of IDS V9.4 and WebSphere V5 provides:

- Performance
- Reliability
- Availability
- Exciting, cost-effective trade-up from IDS V7 to IDS V9.4 and WebSphere V5 products together

### For ordering, contact:

Your IBM representative or the Americas Call Centers at

**800-IBM-CALL**

Reference: YE001

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## Description

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### ***Informix Dynamic Server (IDS) V9.4***

IDS V9.4 is at the heart of the Informix and WebSphere bundles. These bundles provide an ideal upgrade path for IDS V7 and IDS V9 customers on prior releases to transition to IDS V9.4.

At a glance:

- Delivers performance and reliability for high availability, global OLTP
- Functions more productively with fewer resources, saving time and money
- Allows superior scalability by removing previous size limitations
- Maximizes data operations for the workgroup and the global enterprise through enhanced replication capabilities
- Provides the ease-of-use, self-management, and embedded features needed to support Business Partners and their next-generation applications
- Improves usability for developers and system administrators by including Server Studio JE from AGS to allow SQL Editing and Schema exploration

### ***WebSphere Application Server V5.0.2***

As the foundation of the WebSphere software platform and the Informix and WebSphere Enterprise bundle, WebSphere Application Server maximizes your company's return on investment. It leverages existing software assets making your administrative resources more productive.

WebSphere Application Server provides the core software to meet the changing demands of dynamic e-businesses by offering:

- Full Java™ 2 Enterprise Edition (J2EE) V1.3 compatibility
- Industry-leading support for key Web services standards
- Native, enterprise-ready Java Messaging Server (JMS) provider
- Integrated development tools
- Broad cross-platform support
- Unparalleled connectivity
- Superior performance and scalability

### ***WebSphere Studio Application Developer V5.1***

With WebSphere Studio Application Developer — a key component of the Informix and WebSphere Enterprise bundle — you can:

- Receive concurrent support for J2EE 1.2 and 1.3 projects, plus built-in test environments for WebSphere V4 and V5
- Enable existing assets such as JavaBeans and EJB components with Web services using wizards, a built-in test environment, and automatic test client generation
- Collaborate and share development assets across the team with Rational® ClearCase® LT in the box
- Improve application performance by detecting and fixing performance issues early in the development cycle with profiling and tracing tools

- Optimize and simplify J2EE application development with best practices, templates, and code generation

### ***WebSphere Application Server — Express V5.0.2***

WebSphere Application Server — Express V5, which is an integral component of the Informix and WebSphere Workgroup bundle, offers a cost-effective, out-of-the-box solution with the tools necessary to create and run a simple yet dynamic Web site.

An easily approachable “on-ramp” to e-business, it features:

- Application server and Eclipse technology-based development environment in one tightly integrated package
- Simplified programming model with wizards and samples, allowing you to leverage existing skills
- Easy administration
- Migration to other WebSphere Application Server and WebSphere Studio configurations

### ***Additional information at your fingertips***

Access the following Web sites to further research the Informix/WebSphere Web site, the Redbook™, and Webcast information:

<http://www-3.ibm.com/software/data/informix/websphere/>

<http://publib-b.boulder.ibm.com/redbooks.nsf/RedbookAbstracts/sg246948.html?Open>

<http://www.placewareforum.com/eseminars/page.cfm?p=event&eventid=21133&subcatid=16086>

### ***Accessibility by people with disabilities***

The WebSphere Studio Application Developer V5.1 product included in the Informix and WebSphere Enterprise bundle supports the following accessibility features:

- Supports interfaces commonly used by screen readers
- Can be operated using only the keyboard
- Allows the user to request more time to complete timed responses
- Supports customization of display attributes such as color, contrast, and font size
- Communicates all information independently of color
- Supports interfaces commonly used by screen magnifiers (This feature applies to applications on Windows™ platforms only.)
- Supports the attachment of alternative output devices
- Provides keys that can be distinguished by touch without activating them
- Provides documentation in an accessible format
- Requires minimal reach and manual dexterity
- Supports the attachment of alternative input and output devices
- Supports alternatives to audio information
- Supports adjustable volume control

The Rational CC LT product included in this offering is not wholly compliant with the requirements of Section 508 of the Rehabilitation Act.

### **Section 508 of the U.S. Rehabilitation Act**

WebSphere Studio Application Developer V5.1 product included as part of the Informix and WebSphere Enterprise bundle is capable, when used in accordance with associated IBM 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.

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## **Product positioning**

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### ***Winning upgrade path***

The Informix and WebSphere bundles provide a compelling upgrade path for Informix Dynamic Server V7 customers to trade up to the latest V9.4 along with the cutting-edge WebSphere products at a minimal cost.

#### **Target customers**

- The Informix and WebSphere Enterprise bundle is best-suited for Enterprise Informix customers.
- The Informix and WebSphere Workgroup bundle is ideal for SMB Informix customers.

Informix customers should consult their IBM representative to determine which Informix and WebSphere bundle would best meet their unique business needs.

#### **Competitive advantage**

The Informix and WebSphere bundles provide a fully compatible and attractively priced combination of the latest Informix Dynamic Server V9.4 and industry-leading WebSphere V5 Foundation and Tools software. You gain a compelling advantage to choose IBM software over the competitors' offerings to succeed in the marketplace.

#### **Trademarks**

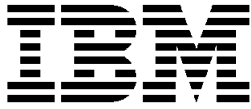
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WebSphere, ClearCase, and Rational are registered trademarks of International Business Machines Corporation in the United States or other countries or both.

Windows and Microsoft are trademarks of Microsoft Corporation.

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

October 21, 2003

## Education support

The following educational offerings are available:

Course Title	Course number	Course type
Development and Test OO Applications with Java™ Application Server	JA341	Classroom
EJB Development using WebSphere® Studio Application Developer	WF351	Classroom
Intro to WebSphere Studio Classroom Application Developer and Web Services	XM391	Classroom
Servlet and JSP Development using WebSphere Studio Application Developer	WF311	Classroom
Administration of WebSphere Application Server V5	WF381	Classroom
The Developer's Guide to Eclipse	WSWB1	Classroom
Programming XML and Related Technologies for Java	XM321	Classroom
Java for the OO Programmer: An Introduction	JA311	Classroom
Introduction to XML and Related Technologies	XM301	Classroom
Administration of WebSphere Application Server V5 (AIX®)	WF401	Classroom
WebSphere Multi-Platform Advanced Administration	WF441	Classroom
Administration of WebSphere Application Server V5	WF387	Self-study
Informix™ Dynamic Server 9.4 New Features Web Conference	L1841	Classroom
WebSphere Studio Application Developer V5 — Hands-on Overview	WF331	Classroom
Application Development V5 for J2EE Developers	WF607	Self-study

Course Title	Course number	Course type
Introduction to WebSphere Application Server Performance/Tuning Application Developer V5 with Certification Preparation	WF431	Classroom
Migrating From IBM Informix Dynamic Server 7.x to 9.x	WE286	Self-study
WebSphere Studio Application Developer V5 for J2EE Developers	L2935	Classroom
EJB Development using WebSphere Studio V5 Servlet and JSP	WF601	Classroom
Development using WebSphere Studio V5	WF357	Self-study
Introduction to Developing OO Applications with Java for Procedural Developers	WF317	Self-study
WebSphere Application Server — Express	JA321	Classroom
	WE126	Self-study

IBM Global Services, IT Education Services, provides education to support many IBM offerings. Descriptions of courses for IT professionals and managers are on the IBM Learning Services Web site:

<http://www-3.ibm.com/services/learning/>

Refer to the IBM Learning Services Web site for information on course locations and availability dates.

Call IBM IT Education Services and Training at 800-IBM-TEACH (426-8322) for catalogs, schedules, and enrollments.

## Offering Information

Product information will be available through the Offering Information Web site at:

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

Also visit the Passport Advantage® Web site at:

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

*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>.*

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## Publications

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The following publications are shipped with each bundle:

- IBM Informix Client Products Installation Guide for UNIX® and Windows™ 2.81
- DataBlade™ Installation and Registration Guide 4.0A
- Informix Dynamic Server Getting Started Guide 9.4
- Informix Dynamic Server Installation Guide for UNIX and Linux 9.4
- Informix Dynamic Server Installation Guide for Microsoft™ Windows 9.4
- IBM IDS 9.40 RMF™ Translated Doc

They are also included in softcopy form on the media.

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 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 IBM Publications Notification System (PNS):

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

The 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.

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## Technical information

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### Hardware requirements

**Informix Dynamic Server V9.4** runs on most systems that run UNIX, Linux, or Windows operating systems. IBM recommends a minimum of:

- 500 MB of disk space
- 128 MB of memory

When running in a Windows environment, IBM Informix Connect 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 Connect 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 require substantially larger systems. Your IBM representative can help you optimize the hardware required for your application.

For more information, refer to:

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

### WebSphere Application Server, V5

#### For Windows NT™ and Windows 2000

- Any Intel™-based PC running Windows NT Server V4.0, SP™ 6a, or later, Windows 2000 Server, or Advanced Server SP 3, or later
- Intel Pentium™ processor at 500 MHz, or faster
- Support for a communications adapter
- Minimum 520 MB free disk space for installation (includes SDK)
- CD-ROM drive
- Minimum 256 MB memory; 512 MB recommended

#### For Sun Solaris

- Any workstation running Solaris V8 at a maintenance level of July 2002, or later
- SPARC workstation at 440 MHz, or faster
- Support for TCP/IP and an adapter
- Minimum 532 MB free disk space for installation (includes SDK)
- CD-ROM drive
- Minimum 256 MB memory; 512 MB recommended

#### For AIX

- RS/6000® or RS/6000 SP workstation running AIX V4.3.3 with the 4330-10 Recommended Maintenance package, or later, or AIX 5.1 with the 5100-02, or later Recommended Maintenance package
- 604e RS/6000 at 375 MHz, or faster
- Support for an appropriate network interface
- Minimum 512 MB free disk space for installation (includes SDK)
- CD-ROM drive
- Minimum 256 MB memory; 512 MB recommended

#### For Linux on Intel

- Linux Distribution Red Hat Advanced Server 2.1, SuSE 7.3, or SLES 7 Linux based on kernel 2.4
- Intel x86 processor at 500 MHz, or faster
- Support for TCP/IP and an adapter
- Minimum 300 MB free disk space for installation (includes SDK)
- CD-ROM drive
- Legacy application support RPMs installed (provided on SuSE and Red Hat distribution CDs)
- Minimum 256 MB physical memory; 512 MB recommended

#### WebSphere Studio Application Developer

- Intel Pentium II processor minimum (Pentium III 500 MHz, or higher, is recommended)
- 512 MB RAM minimum (768 MB RAM is recommended)

- Disk space:
  - 1.2 GB minimum disk space for installing WebSphere Studio Application Developer and additional disk space for your development resources (minimum disk space can be reduced if optional features and runtimes are not installed)
  - Additional disk space if you download the electronic image to install WebSphere Studio Application Developer
- Display resolution:
  - Windows — Super video graphics array/adaptor (SVGA) (800 x 600) display minimum (1024 x 768 recommended)
  - Linux — Extended graphics array/adaptor (XGA) (1024 x 768) display minimum

### WebSphere Application Server —Express, V5

The following hardware must be installed before you install WebSphere Application Server —Express:

- Intel Pentium II processor minimum (Pentium III 500 MHz, or higher, is recommended)
- Disk space:
  - 1.2 GB minimum disk space for installing WebSphere Application Server — Express and additional disk space for your development resources.
  - You will also require 1 GB if you download the electronic image to install WebSphere Application Server —Express.
- Display resolution:
  - Windows —800 x 600 display minimum (1024 x 768 recommended)
  - Linux — 1024 x 768 display minimum

### For tools only on one machine

- Intel Pentium II processor minimum (Pentium III at 500 MHz, or faster, recommended)
- 512 MB RAM minimum (768 MB RAM recommended)
- Disk space: 1 GB minimum disk space for installing WebSphere Application Server — Express and additional disk space for your development resources
- 1 GB also required for the electronic image if using it to install WebSphere Application Server —Express

### For tools and Remote Server on one machine

- Intel Pentium II processor minimum (Pentium III at 500 MHz, or faster, recommended)
- 512 MB RAM minimum (768 MB RAM recommended)
- Windows — Support for a communications adaptor
- Linux — Support for TCP/IP and an adaptor
- Disk space: 1.2 GB minimum disk space for installing WebSphere Studio Site Developer and additional disk space for your development resources
- 1 GB disk space also required if installing WebSphere Application Server — Express using the electronic image

**Note:** Running Linux Red Hat for the production server component requires one machine at 512 MB RAM minimum (768 MB RAM recommended) for the tools

component and one additional machine with 256 MB RAM minimum (512 MB RAM recommended) for the production server component.

- Disk space:
  - 750 MB minimum disk space for installing WebSphere Application Server
  - Additional disk space required if installing WebSphere Application Server —Express using the electronic image

### For remote server on Windows NT and Windows 2000

- Intel Pentium II processor minimum (Pentium III 500 MHz, or faster, recommended)
- Support for a communications adaptor
- Minimum 300 MB free disk space for installation (includes SDK) (additional disk space required if you download the electronic image to install WebSphere Application Server —Express)
- Minimum 256 MB memory (512 MB recommended)

### For remote server alone on Linux on Intel (must have this separate machine for the server if using Linux Red Hat)

- Linux Distribution Red Hat Advanced Server 2.1 or SuSE 7.3 Linux based on kernel 2.4
- Intel x86 processor at 500 MHz, or faster
- Support for TCP/IP and an adaptor
- Minimum 300 MB free disk space for installation (includes SDK) (additional disk space is required for the electronic image if using it to install WebSphere Application Server —Express)
- Minimum 256 MB physical memory (512 MB recommended)

### For remote server on AIX

- RS/6000 workstation or RS/6000 SP Frame at 375 MHz, or faster
- Support for TCP/IP and an adaptor
- Minimum 300 MB free disk space for installation (includes SDK) (additional disk space is also required for the electronic image if using it to install WebSphere Application Server —Express)
- Minimum 256 MB physical memory (512 MB recommended)

### For remote server on Sun Solaris

- G5, G6, or better, processor
- Support for TCP/IP and an adaptor
- Minimum 300 MB free disk space for installation (includes SDK) (additional disk space is also required for the electronic image if using it to install WebSphere Application Server —Express)
- Minimum 256 MB physical memory (512 MB recommended)

### For remote server on HP

- HP 9000 at 440 MHz, or faster
- Support for TCP/IP and an adaptor
- Minimum 300 MB free disk space for installation (includes SDK) (additional disk space is also required

for the electronic image if using it to install WebSphere Application Server —Express)

- Minimum 256 MB physical memory (512 MB recommended)

**Software requirements:** The following software must be installed before you install WebSphere Application Server —Express:

One of the following operating systems:

- Windows 2000 Server or Advanced Server with Service Pack 3, or later, remote server component only
- Windows 2003 Server Standard Edition Remote Server Component only
- Windows 2000 Professional with Service Pack 2, or later, WebSphere Studio tools and server components
- Windows XP SP1 Professional for the WebSphere Studio tools and server components
- Windows NT Workstation V4.0 with Service Pack 6a, or later, WebSphere Studio tools component including the unit test environment only
- Windows NT Server V4.0 with Service Pack 6a, or later, WebSphere Studio tools and server components
- Red Hat, V7.2 for the WebSphere Studio tools component, including the unit test environment only
- Red Hat, V8.0 for the WebSphere Studio tools component including the unit test environment only
- Red Hat, VAS 2.1 for the remote server component only
- SuSE, V7.2 WebSphere Studio tools component including the unit test environment only
- SuSE, V7.3 remote server component only
- SuSE, V8.1 Studio Tools Component including the unit test environment only
- United Linux V1.0 (SuSE SLES 8) Remote Server Component only
- AIX 5.2 + APAR IY44183 Remote Server Component only, with Remote deploy from any supported Studio Tools Platform
- Solaris 9 with the Recommended Patch Cluster of April 2003 Remote Server Component only
- HP 11i (Fix Level December 2002) Remote Server Component only

Windows operating systems support all of the national languages that WebSphere Application Server —Express supports.

**National languages supported by Red Hat and SuSE operating systems:**

	English only	English plus national language	Single-byte character set (SBCS)	Double-byte character set (DBCS) <sup>1</sup>
Red Hat 7.2	Yes			
Red Hat 8.0		Yes	Yes	Yes <sup>1</sup>
SuSE 7.2	Yes			
SuSE 8.1		Yes	Yes	

<sup>1</sup> If you want to use the double-byte character set on Red Hat 8.0, you will need to upgrade GTK 2.0 to GTK 2.2, or later. Refer to (Optional) Upgrading to GTK 2.2, or later.

**Warnings**

- If the Linux (Red Hat 8.0) operating system is used, support for Korean, Simplified Chinese, Japanese, and Traditional Chinese languages is not fully functional. It is limited by the national language capability of the GIMP Tool Kit (GTK) currently available to Red Hat developers. To avoid these limitations, you *must* use the product in English.
- If the Linux (SuSE) operating system is used, support for Korean, Simplified Chinese, Japanese, and Traditional Chinese languages is not available.

Minimum

**Informix Dynamic Server 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 V1 (also known as 11.11) (32-bit)
  - HP-UX 11.00 and 11i V1 (also known as 11.11) (64-bit)
- Intel
  - Windows 2000, Windows XP, and Windows Server 2003
  - Linux (32-bit): kernel V2.4.7, or later
  - Linux (32-bit): glibc V2.2.4, or later
  - Red Hat 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)

IDS **Client** Java requirements: JDBC 2.21 requires JDK 1.2, 1.3, or 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 Connect** requires:

- Windows NT V4.0 (Service Pack 5, or later)
- 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, compliant with JDBC 2.0 specifications.

When running in a UNIX workstation environment, **IBM Informix 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 V1 (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

#### Informix Server Administrator

- 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 11.00 and 11i V1 (also known as 11.11) (32-bit)
  - HP-UX 11.00 and 11i V1 (also known as 11.11) (64-bit)
- Intel
  - Windows NT, Windows 2000, Windows XP, and Windows Server 2003
  - Linux (32-bit): glibc V2.1.2, or later
- Alpha: Compaq Tru64 4.0D, 5.2, 5.1a, and 5.1b
- MIPS SGI IRIX 6.5.x (32-bit)

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

For more information, refer to:

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

**IDS Client** Java requirements: JDBC 2.21 requires JDK 1.2, 1.3, or 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 Connect

- 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 later, compliant with JDBC 2.0 specifications.

For more information, refer to:

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

#### WebSphere Application Server, V5.0.2

Visit:

<http://www.ibm.com/software/webservers/appserv/doc/latest/prereq.html>

For migration assistance, refer to:

<http://www7b.software.ibm.com/wsdd/zones/was/migration.html>

#### WebSphere Studio Application Developer, V5.1

- One of the following operating systems:
  - Windows — Windows 2000 Professional with Service Pack 2, or later
  - Windows — Windows XP Professional with Service Pack 1, or later
  - Windows — Windows NT Workstation or Server V4.0 with Service Pack 6a, or later. (refer to the Warranty section)
  - Linux — Red Hat V7.2 and V8
  - Linux — SuSE V7.2 and V8.1
- Web browser:
  - Windows — Microsoft Internet Explorer 5.5 with Service Pack 1, or later, or Netscape Navigator V4.76, or later
  - Linux — Web browser Netscape Navigator V4.6 or V6
  - Windows — The Universal Test Client and Web Services Explorer require the use of Netscape V6.0, or later, or Microsoft Internet Explorer 5, or later
  - Linux — The Universal Test Client and Web Services Explorer require Netscape V4.6 or Mozilla V0.7, or later
- If you want to profile your applications, ensure that Java Runtime Environment (JRE) 1.3.0, or later, is installed.

#### WebSphere Application Server — Express V5

- One of the following operating systems:
  - Windows 2000 Professional with Service Pack 2, or later
  - Windows XP Professional for the Studio tools component, including the unit test environment only
  - Windows NT Workstation or Server V4 with Service Pack 6a, or later
  - Linux Red Hat V7.2 for the Studio tools component, including the unit test environment only
  - Linux Red Hat AS V2.1 for the remote server component only
  - Linux — SuSE V7.2
- Web browser:
  - Windows: Microsoft Internet Explorer 5.5 with Service Pack 1, or later, or Netscape Navigator V4.76
  - Linux: Netscape Navigator V4.6; universal test client and Web Services Explorer require Netscape V4.6 or Mozilla V0.7, or later



- While the supplied DB2® Personal Edition, V7.2 is not required to install WebSphere Application Server —Express, it is required to work with certain WebSphere Studio applications and samples
- To profile your applications, ensure that JRE 1.3.0, or later, is installed

**Compatibility:** All programs in the IBM Informix and WebSphere bundles are fully-tested by IBM and compatible with each other to provide seamless interoperability with Informix.

#### Limitations

#### Program-unique terms for the IBM Informix and WebSphere Enterprise bundle

The following additional terms apply to this offering.

This offering contains the following products:

- Informix Dynamic Server (IDS) V9.40 Enterprise Edition Unlimited
- WebSphere Application Server V5.0.2
- WebSphere Studio Application Developer V5.1

Informix and WebSphere products are subject to the terms and conditions of the IBM license agreement included with these products, including its applicable License Information, as well as these additional terms.

Each license you acquire under this offering entitles you to install one copy of each of the listed products. If you acquire multiple licenses, you may, for each license, install one copy of each of the listed products.

By using, installing, or starting a product, you agree to the applicable terms and conditions for that product as well as all the additional or modified terms specified herein.

#### Use-based charges — Resources

Resources Available or Attached (processors) — Charges for the products included in this offering are based on processors attached or available to them. The total number of processors available may not exceed the number authorized by the applicable Passport Advantage subscription that you have acquired. You are entitled to only one user license of WebSphere Application Developer product per processor. If the total number exceeds the quantity acquired, you must notify IBM or its reseller as stated in the International Program License Agreement (IPLA).

#### Program-unique terms for the IBM Informix and WebSphere Workgroup bundle

The following additional terms apply to this offering.

This offering contains the following products:

- IDS V9.40 Workgroup Edition
- WebSphere Application Server —Express V5.0.2

Informix and WebSphere products are subject to the terms and conditions of the IBM license agreement included with these products, including its applicable License Information, as well as these additional terms.

Each license you acquire under this offering entitles you to install one copy of each of the listed products. If you acquire multiple licenses, you may for each license, install one copy of each of the listed products.

By using, installing, or starting a product, you agree to the applicable terms and conditions for that product as well as all the additional or modified terms specified herein.

- You are entitled to four Concurrent Sessions of Informix Dynamic Server Workgroup Edition, in addition to the single Server license which comes with one Concurrent Session.
- **Use-based charges — Resources:** Resources available or attached (processors) — Charges for the products included in this offering are based on processors attached or available to them. The total number of processors available may not exceed more than two processors. If the total number exceeds two processors, you must notify IBM or its reseller as stated in the IPLA.

**User group requirements addressed:** This announcement satisfies or partially satisfies the requirements brought forth by the Informix International Users Group (IIUG).

Requirements satisfied include:

- Provide Informix customers a comprehensive e-business infrastructure; using a fully-compatible combination of Informix and WebSphere software that works together
- Extend Informix customers' capabilities to the Web by introducing IBM software to their existing IT investment

#### Planning information

**Customer responsibilities:** The customer is responsible for installing the individual products in the Informix and WebSphere bundles. The Informix and WebSphere bundles do not come with an integrated installer program.

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 are 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 organization.

For additional information, refer to the IBM software support Web site at:

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

Or contact your IBM representative or IBM Business Partner.

**Packaging:** The Informix and WebSphere Enterprise bundle consists of the following products and references their announcements for packaging information:

- Informix Dynamic Server Enterprise Edition Unlimited V9.4: refer to Software Announcement 203-055, dated February 25, 2003
- WebSphere Application Server, V5: refer to Software Announcement 202-315, dated November 19, 2002
- WebSphere Studio Application Developer, V5.1: refer to Software Announcement 203-191, dated August 5, 2003

The Informix and WebSphere Workgroup bundle consists of the following products and references their announcements for packaging information:

- Informix Dynamic Server, V9.4: refer to Software Announcement 203-055, dated February 25, 2003
- WebSphere Application Server —Express, V5: refer to Software Announcement 202-336, dated December 10, 2002

The bundles contain the following publications in hardcopy and softcopy form:

Informix Client Products Installation Guide for UNIX and Windows 2.81:

- DataBlade Installation and Registration Guide 4.0A
- Informix Dynamic Server Getting Started Guide 9.4
- Informix Dynamic Server Installation Guide for UNIX and Linux 9.4
- Informix Dynamic Server Installation Guide for Microsoft Windows 9.4
- IBM IDS 9.40 RMF Translated Doc

### Security, auditability, and control

WebSphere Foundation and Tools products included as part of the Informix and WebSphere bundles use the security features of the respective operating systems, such as local user registry.

The customer is responsible for evaluation and selection of the various WebSphere security features including the implementation of authentication and authorization policies. This responsibility extends to the administration of WebSphere security policies and security related policies external to WebSphere such as the operating environment, network topology/security, and physical security.

## Ordering information

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

### Product information

Licensed function title	Product group	Product category
Informix and WebSphere Enterprise Bundle	Informix Bundles	Informix and WebSphere Enterprise Bundle
Informix and WebSphere Workgroup Bundle	Informix Bundles	Informix and WebSphere Workgroup Bundle

### Passport Advantage Licensing

#### Informix and WebSphere Enterprise Bundle

Description	Part number
Informix/WebSphere Ent Bndl Proc SW Maintenance Annual Renewal	E015QLL
IFMX/WS Ent Bndl Proc fr IDS 7 EEU Proc TRDUP LIC+SW MAINT 12 Months	D53EGLL
Informix/WebSphere Ent Bndl Proc License; SW Maintenance 12 Months	D53EELL
Informix/WebSphere Ent Bndl Proc SW Maintenance Reinstatement 12 Months	D53EFLL

Description	Part number
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#### Informix and WebSphere Workgroup Bundle

Informix/WebSphere WE Bndl Proc SW Maintenance Annual Renewal	E015NLL
Informix/WebSphere WE Bndl Proc License; SW Maintenance 12 Months	D53EALL
Informix/WebSphere WE Bndl Proc SW Maintenance Reinstatement 12 Months	D53EBLL

### Passport Advantage Supply

#### Informix/WebSphere Enterprise Bundle V1

Media Pack English U.S. Solaris (Sun Microsystems), AIX V5.x CD-ROM Digital Disk — ISO 9660 Standard V1	BB0IWNA
Media Pack English U.S. Solaris (Sun Microsystems), AIX V5.x, HP-UX 11.x CD-ROM Digital Disk — ISO 9660 Standard V1	BB0IZNA
Media Pack English U.S. Windows 2000, Windows XP, Compaq Tru64, Linux for pSeries UNIX Servers (incl pSeries IntelliStation®), Windows NT, IRIX (Silicon Graphics) CD-ROM Digital Disk — ISO 9660 Standard V1	BB0IXNA
Media Pack Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English U.S., Italian) Windows 2000, Solaris (Sun Microsystems), Windows NT, AIX V5.x, HP-UX 11.x CD-ROM Digital Disk — ISO 9660 Standard V1	BB0J4ML
Media Pack Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Windows XP, Linux for pSeries UNIX Servers (incl pSeries IntelliStation), Windows NT CD-ROM Digital Disk — ISO 9660 Standard V1	BB0J5ML

#### Informix/WebSphere WE Bunble V1

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Media Pack English U.S. Solaris (Sun Microsystems), AIX V5.x, HP-UX 11.x CD-ROM Digital Disk — ISO 9660 Standard V1	BB0J1NA
Media Pack English U.S. Windows 2000, Windows XP, Compaq Tru64, Linux for pSeries UNIX Servers (incl pSeries IntelliStation), Windows NT, IRIX (Silicon Graphics) CD-ROM Digital Disk — ISO 9660 Standard V1	BB0J2NA

Description	Part number	Entitled maintenance offerings description	Media packs description	Part number
Media Pack Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English U.S., Italian) Windows 2000, Windows XP, Windows NT, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard V1	BB0J0ML	Informix and WebSphere Enterprise Bundle Processor	Informix/WebSphere Ent Bndl Multilingual(French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English U.S., Italian) Windows 2000, Solaris (Sun Microsystems), Windows NT, AIX V5.x, HP-UX 11.x CD-ROM Digital Disk — ISO 9660 Standard	BB0J4ML

**Passport Advantage customer: media pack entitlement details**

Customers with active maintenance or subscription for the products listed below are entitled to receive the corresponding media pack.

**Informix/WebSphere Ent Bndl V1**

Entitled maintenance offerings description	Media packs description	Part number
Informix and WebSphere Enterprise Bundle Processor	Informix/WebSphere Ent Bndl English U.S. Solaris (Sun Microsystems), AIX V5.x CD-ROM Digital Disk — ISO 9660 Standard	BB0IWNNA
Informix and WebSphere Enterprise Bundle Processor	Informix/WebSphere Ent Bndl English U.S. Solaris (Sun Microsystems), AIX V5.x, HP-UX 11.x CD-ROM Digital Disk — ISO 9660 Standard	BB0IZNA
Informix and WebSphere Enterprise Bundle Processor	Informix/WebSphere Ent Bndl English U.S. Windows 2000, Windows XP, Compaq Tru64, Linux for pSeries UNIX Servers (incl pSeries IntelliStation), Windows NT, IRIX (Silicon Graphics) CD-ROM Digital Disk — ISO 9660 Standard	BB0IXNA
Informix and WebSphere Enterprise Bundle Processor	Informix/WebSphere Ent Bndl Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English U.S., Italian) Windows 2000, Windows XP, Linux for pSeries UNIX Servers (incl pSeries IntelliStation), Windows NT CD-ROM Digital Disk — ISO 9660 Standard	BB0J5ML

**Informix/WebSphere WE Bndl V1**

Informix and WebSphere Workgroup Bundle Processor	Informix/WebSphere WE Bndl English U.S. AIX V5.x, HP-UX 11.x CD-ROM Digital Disk — ISO 9660 Standard	BB0J6NA
Informix and WebSphere Workgroup Bundle Processor	Informix/WebSphere WE Bndl English U.S. Solaris (Sun Microsystems), AIX V5.x, HP-UX 11.x CD-ROM Digital Disk — ISO 9660 Standard	BB0J1NA
Informix and WebSphere Workgroup Bundle Processor	Informix/WebSphere WE Bndl English U.S. Windows 2000, Windows XP, Compaq Tru64, Linux for pSeries UNIX Servers (incl pSeries IntelliStation), Windows NT, IRIX (Silicon Graphics) CD-ROM Digital Disk — ISO 9660 Standard	BB0J2NA
Informix and WebSphere Workgroup Bundle Processor	Informix/WebSphere WE Bndl Multilingual(French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English U.S., Italian) Windows 2000, Windows XP, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	BB0J0ML

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## Prices

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For Passport Advantage information and charges, contact your IBM representative or authorized IBM Business Partner. For additional information about the Passport Advantage offering, visit:

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