



# IBM Informix V12.1 delivers enhancements for operational analytics, specialized workloads, and the private cloud, while continuing to advance core database capabilities

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## At a glance

IBM® Informix® V12.10:

- Solves the Big Data challenge of sensor data, such as RFIDs, smart meters, and building sensors
- Enhances performance for both online transaction processing (OLTP) and analytic workloads
- Provides easy-to-use interface to smart devices when on the go
- Makes it much easier to move applications from other database systems
- Reduces cost and risk for private cloud and distributed enterprise deployments via enhancements to Flexible Grid technology
- Provides new SQL compatibility with other leading database systems making it much easier to port applications to Informix and take advantage of the power and cost savings of Informix
- Is easier to embed in applications and devices
- Makes deployment simpler
- Delivers enhanced warehouse management infrastructure for increased manageability and performance
- Contains integration and simplification of management and administration

## Overview

IBM Informix V12.10 provides a powerful, reliable, and low-cost data platform for mission-critical business environments. Informix V12.10 builds on the proven capability of Informix with improvements in all areas, including support for online transaction processing (OLTP) and analytic workloads, IBM Informix TimeSeries and spatial data, and enhancements to Flexible Grid. Informix continues to provide the highest possible levels of performance and reliability in a cost-effective and simple to administer platform that is ideal if you need continuous availability of critical data resources.

## Key prerequisites

For details, refer to the [Hardware requirements](#) and [Software requirements](#) section.

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## Planned availability date

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March 26, 2013

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## Description

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**IBM Informix V12.10** delivers new functions, increases integration between functions particularly IBM Informix Warehouse Accelerator and IBM Informix TimeSeries, and retains expected levels of reliability. It delivers new levels of performance for both online transaction processing (OLTP) and analytic workloads. The Informix high availability features have significant enhancements. Taken as a whole, V12.10 helps you more efficiently meet business requirements and helps partners grow with minimal complexity as well as helps lower computing costs.

### Some Informix editions renamed

In order to align with other IBM data management products, several editions are renamed:

Informix v11.70	Informix v12.10
Informix Developer	Informix Developer
Informix Innovator-C	Informix Innovator-C
Informix Express®	Informix Express
Informix Growth	Informix Workgroup
Informix Growth warehouse	Informix Advanced Workgroup
Informix Ultimate	Informix Enterprise
Informix Ultimate Hypervisor	Informix Enterprise Hypervisor
Informix Ultimate Warehouse	Informix Advanced Enterprise

### Informix V12.10 extends the power of Informix Warehouse Accelerator to IBM Informix TimeSeries data

Informix Warehouse Accelerator, a key component of the advanced editions, now can better handle data stored using Informix TimeSeries. You get lightning fast analytic capability on large sets of Informix TimeSeries data, using the powerful in-memory, columnar, and tokenized data techniques that lie at the heart of Informix Warehouse Accelerator.

### Speeds up Business Intelligence queries and may result in as much as 100X improvement in query performance

### New Informix TimeSeries enhancements enable the ultimate processing of sensor-based and other time-stamped data

- Able to replicate Informix TimeSeries data across multiple servers in a clustered grid
- Support for data retention rules and enhanced storage optimization with ability to automatically remove data outside of defined window of time
- Improved handling of network outages
- Enhanced usability enables faster and easier development of Informix TimeSeries applications
- Delivers GUI support for Informix TimeSeries
- Get Informix TimeSeries with all server editions

### Enhancements to IBM Informix Spatial Data support enables easy and cost-effective spatial applications

- Spatial feature has been upgraded to support ESRI 10.1.

- Applications can combine Informix Spatial Data and Informix TimeSeries data to track geospatial information over time, such as tracking device locations over time, or time-stamped events and locations occurring on smart grids.
- Informix Spatial Data support is included with all server editions.

### **Enhanced performance for OLTP and analytical workloads**

- Deep compression extended to indexes and blobs for increased performance and more efficient storage
- New support for database sharing
  - Offers significant benefits in performance, scaling, and administration
  - Deliver ability to run a query over distributed nodes and get a consolidated response.
  - Has enhanced integration with IBM Cognos® for faster BI workloads

### **Enhanced warehouse infrastructure optimizes performance and lowers costs**

- Trickle feed data into Informix Warehouse Accelerator either continuously or via partition refresh
  - Allows query acceleration without reloading entire data set
- Faster operational analytics and enhanced OLAP capabilities
- New dashboard for Informix Warehouse Accelerator

### **Enhanced availability features**

- Enhanced Connection Manager to provide the ability to manager clusters despite outages in network communication
- Improved ability to perform failovers in the event of critical application server unavailability or outage

### **New mobility technology delivers superior support for smart devices**

- Support for IBM Mobile Database to allow mobile application data synchronization with Informix databases
- Monitor Informix servers from any location using iOS and Android smart devices

### **Simplified administration with the enhanced Open Administration Tool GUI**

- Support for administration of multiple Informix servers from a single Open Administration Tool dashboard
- New heat maps identify hotspots and provide graphic visualization to simplify DBA performance tuning tasks
- Enhanced security with more granular administration, including improved permissioning for individuals
- Support for Informix Warehouse Accelerator from the Open Administration Tool

### **Simplify moving applications to Informix from other database software**

- SQL language enhancements provide improved compatibility with other popular database systems. Enhancements include:
  - Type conversion
  - Comparison
  - String handling
  - Math
  - Date handling
  - OLAP
- System Packages provide Informix equivalent functions for commonly used Oracle database system packages.

## Enhancements to simplify the embedded use of Informix

- Support for dynamic onconfig allows starting the server without having to define the environment essentially allowing Informix to self-configure if required.
- Table purge by time or size enhances the ability of Informix to run for long periods unattended by increasing its self-healing capability.
- Automatic compression enhances the self-optimizing power of Informix , and reduces the need for manual intervention to achieve superior performance.

## New Primary Storage Manager

- Higher performance, more efficient, and easier-to-use Storage Manager if you are not using a third-party storage manager

## Simplified packaging of development tools

- Client-SDK now includes current Java™ Database Connectivity (JDBC) drivers.

## Added value components for Informix Advanced Workgroup edition

- In addition to the Informix Warehouse Accelerator component, the Informix Advanced Workgroup edition now includes an entitlement to a five-user license of selected IBM Cognos products. When used in conjunction with Informix Warehouse Accelerator, this combination provides for powerful, turnkey, graphic BI and analytics.

## Added value components for Informix Advanced Enterprise edition.

- In addition to the Information Warehouse Accelerator and Compression components included in Informix Advanced Enterprise edition, an entitlement to a five-user license of selected Cognos products is now included in this edition.
- A single user entitlement to selected IBM SPSS® products: the SPSS Professional Client and SPSS Statistics packages are included in this edition.

## Accessibility by people with disabilities

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Informix is capable as of March 26, 2013, when used in accordance with IBM's associated documentation, of satisfying the applicable requirements of Section 508 of the Rehabilitation Act, provided that any assistive technology used with the product properly interoperates with it. A US Section 508 Voluntary Product Accessibility Template (VPAT), containing details on the products accessibility compliance, can be requested on the following website

[http://www.ibm.com/able/product\\_accessibility/index.html](http://www.ibm.com/able/product_accessibility/index.html)

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## Program number

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Program number	VRM	Program name
5725-D14	12.10.0	Informix Advanced Enterprise Edition
5725-A39	12.10.0	Informix Enterprise Edition
5725-A40	12.10.0	Informix Workgroup Edition
5725-F59	12.10.0	Informix Advanced Workgroup Edition
5724-Z04		Informix Express Edition
5725-A38	12.10.0	Informix Innovator-C Edition
5724-L23	12.10.0	Informix Developer Edition
5724-C23	12.10.0	Informix Client Software Development Kit Developer Edition
5724-C24	4.10.0	Informix Connect Runtime
5725-H00	11.70.0	Informix Hypervisor Edition for AIX
5725-H01	11.70.0	Informix Hypervisor Edition for Red Hat

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## Education support

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Be sure to take advantage of our custom training plans to map your path to acquiring skills. Enjoy further savings when you purchase training at a discount with an IBM Education Pack - online account - flexible and convenient way to pay, track, and manage your education expenses online.

Course name	Classroom	Instructor-led online	Self-paced virtual classroom
Informix System Administration	IX81	3x81	2x81
Informix Database Administration: Managing and Optimizing Data	IX22	3x22	2x22
Informix Structured Query Language	IX13	3x13	2x13
Informix New Features	IX30	3x30	2x30

Descriptions of courses for IT professionals and managers are available at

[http://www.ibm.com/services/learning/ites.wss/tp/en?pageType=tp\\_search](http://www.ibm.com/services/learning/ites.wss/tp/en?pageType=tp_search)

IBM training provides education to support many IBM offerings. Descriptions of courses for IT professionals and managers are on the IBM training website

<http://www.ibm.com/training>

### IBM Professional Certification

Information Management Professional Certification is a business solution for skilled IT professionals to demonstrate their expertise to the world. Certification validates skills and demonstrates proficiency with the most recent IBM technology and solutions.

Exam number	Exam name certification	Title
918	System Administration for IBM Informix Dynamic Server V11	IBM Certified System Administrator - Informix Dynamic Server V11

For additional information about this exam, refer to

<http://www-03.ibm.com/certify/tests/ovr918.shtml>

Contact your IBM representative for course information.

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## Offering Information

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Product information is available via the Offering Information website

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

Also, visit the Passport Advantage® website

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

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## Publications

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No hardcopy publications are shipped with these programs.

The following publications can be ordered after planned availability. To order, use the Publications Center.

IBM form number	Title
SG24-7847-00	Migrating from Microsoft™ SQL Server to IBM Informix
SG24-7884-00	Informix Developer's Handbook
SG24-7730-00	Migrating from Oracle to IBM Informix on Linux™, UNIX™, and windows
SG24-7666-01	Embedding Informix: An Introduction
SG24-7788-00	Data Warehousing with Informix
SG24-8021-00	Solving Business Problems with Informix TimeSeries

The IBM Publications Center

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

The Publications Center is a worldwide central repository for IBM product publications and marketing material with a catalog of 70,000 items. Extensive search facilities are provided. Payment options for orders are via credit card (in the US) or customer number for 20 countries. A large number of publications are available online in various file formats, and they can all be downloaded by all countries, free of charge.

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## Technical information

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### Specified operating environment

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#### Hardware requirements

- Sun SPARC
- Intel™ , AMD x64 ( Intel EM64T, AMD AMD64)
- HP PA-RISC
- HP Itanium™
- IBM Power® ( IBM System p® , System i® , IBM OpenPower® , IBM BladeCenter® )
- IBM System z®

#### Software requirements

Operating systems	N-1	N	N+1
AIX Power	6.1	7.1	
Solaris Sparc	10	11	
Linux (RHEL) (x86-32, x86-64, POWER®, System z)	5	6	
Linux (SLES) (x86-32, x86-64, POWER, System z)	10	11	
Windows Server x86,-32, x86-64 Server 2008, 2008 R2	server		
HP-UX IA64	11iv2 (aka 11.23)	11iv3 (aka 11.31)	11iv4
Solaris x86-64	10	11	
Red Hat Desktop (x86-32)	5	6	RHEL 7
SUSE Desktop (x86-32)	10	11	12
HP-UX PA-RISC	11iv2	11iv3	NA

	(aka 11.23)	(aka 11.31)
Mac OS X x86-64	10.7	10.8
Windows Desktop (x86-32, x86-64)	windows™ 7	windows 8
Windows Desktop w/FDCC (x86-32)	XP, Vista	windows 7
Server virtualization	N-1	N
PR/SM (System Z)	NA	NA
z/VM (System Z)	V6.2	V6.3
PowerVM Hervisor (POWER)	POWER6®	POWER7
VMware ESX Server (x86-64, x86-32)	4	4.1
VMware ESXi Server (x86-64, x86-32)	5.0	5.1
Red Hat KVM	5.6	6.0
SLES KVM	NA	11

The program's specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a readme file, or other information published by IBM, such as an announcement letter. Documentation and other program content may be supplied only in the English language.

## Planning information

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### **Packaging**

This program, when downloaded from a website, contains the applicable IBM license agreement and License Information, if appropriate, and will be presented for acceptance at the time of installation of the program. For future reference, the license and License Information will be stored in a directory such as LICENSE.TXT.

### **Security, auditability, and control**

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Informix uses the security and auditability features of the host hardware or software. The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

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## Ordering information

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### **Charge metric**

Program name	Part number or PID number	Charge metric
IBM Informix Advanced Enterprise Edition V12.10	5725-D14	PVU
IBM Informix Storage Optimization Feature for Enterprise Edition V12.10	5725-A39	PVU
IBM Informix Workgroup Edition V12.10	5725-A40	PVU
IBM Informix Advanced Workgroup Edition V12.10	5725-F59	PVU
IBM Informix Express Edition V12.10	5724-Z04	PVU
IBM Informix Developer Edition V12.10	5724-L23	PVU
IBM Informix JDBC /Embedded SQL V4.10	5724-I35	PVU

IBM Informix Connect Runtime V4.10	5724-C24	PVU
IBM Informix Hypervisor Edition for AIX	5725-H00	PVU
IBM Informix Hypervisor Edition for Red Hat	5825-H01	PVU

### Authorized User

Authorized User is a unit of measure by which the program can be licensed. An Authorized User is a unique person who is given access to the program. The program may be installed on any number of computers or servers and each Authorized User may have simultaneous access to any number of instances of the program at one time. Licensee must obtain separate, dedicated entitlements for each Authorized User given access to the program in any manner directly or indirectly (for example, via a multiplexing program, device, or application server) through any means. An entitlement for an Authorized User is unique to that Authorized User and may not be shared, nor may it be reassigned other than for the permanent transfer of the Authorized User entitlement to another person.

**Note:** Some programs may be licensed where devices are considered users. In that case, the following applies. Any computing device that requests the execution of or receives for execution a set of commands, procedures, or applications from the program or that is otherwise managed by the program is considered a separate user of the program and requires an entitlement as if that device were a person.

### Install

Install is a unit of measure by which the program can be licensed. An install is an installed copy of the program on a physical or virtual disk made available to be executed on a computer. Licensee must obtain an entitlement for each install of the program.

### Processor Value Unit (PVU)

PVU is a unit of measure by which the program can be licensed. The number of PVU entitlements required is based on the processor technology (defined within the PVU table by processor value, brand, type, and model number at the website below) and the number of processors made available to the program. IBM continues to define a processor, for the purpose of PVU-based licensing, to be each processor core on a chip. A dual-core processor chip, for example, has two processor cores. The PVU table can be found at

[http://www.ibm.com/software/lotus/passportadvantage/pvu\\_licensing\\_for\\_customers.html](http://www.ibm.com/software/lotus/passportadvantage/pvu_licensing_for_customers.html)

Licensee can deploy the program using either full capacity licensing or virtualization capacity (sub-capacity) licensing according to the Passport Advantage Sub-Capacity Licensing Terms (refer to the web page below). If using full capacity licensing, licensee must obtain PVU entitlements sufficient to cover all activated processor cores\* in the physical hardware environment made available to or managed by the program, except for those servers from which the program has been permanently removed. If using virtualization capacity licensing, licensee must obtain entitlements sufficient to cover all activated processor cores made available to or managed by the program, as defined according to the Virtualization Capacity License Counting Rules at

[http://www.ibm.com/software/lotus/passportadvantage/Counting\\_Software\\_licenses\\_using\\_sp\\_eific\\_virtualization\\_technologies.html](http://www.ibm.com/software/lotus/passportadvantage/Counting_Software_licenses_using_sp_eific_virtualization_technologies.html)

\* An activated processor core is a processor core that is available for use in a physical or virtual server, regardless of whether the capacity of the processor core can be or is limited through virtualization technologies, operating system commands, BIOS settings, or similar restrictions.



Notes :

- Some programs may require licenses for the program **and** what is being managed. In that case, the following applies. In addition to the entitlements required for the program directly, licensee must obtain PVU entitlements for this program sufficient to cover the processor cores managed by the program.
- Some programs may be licensed on a managed basis only. In that case, the following applies. Instead of the entitlements required for the program directly, licensee must obtain PVU entitlements for this program sufficient to cover the processor cores managed by the program.
- A few programs on an exception basis may be licensed on a referenced basis. In that case, the following applies. Rather than obtaining entitlements for the activated processor cores available to the program, licensee must obtain PVU entitlements for this program sufficient to cover the environment made available to the referenced program as if the program itself were executing everywhere the referenced program was executing, independent of the basis on which the referenced program is licensed.

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

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

Entitled maintenance offerings  
Part number Description

5725-A39

D091WLL INFMX STRG OPTIM FEAT ENTR ED AUSI LIC + SW S&S 12 MO  
D0928LL INFMX STRG OPTIM FEAT ENTR ED CS LIC + SW S&S 12 MO  
D092JLL INFMX STORAGE OPTIMIZATION FEATURE FOR ENTR ED PVU LIC +  
SW S&S 12 MO  
D0GFXLL IFMX STRG OPTM FEAT ENTRPR ED FUSSSI LIC + SW S&S 12 MO  
E06VXLL INFMX STRG OPTIM FEAT ENTR ED AUSI ANNUAL SW S&S RNWL  
E06VYLL INFMX STRG OPTIM FEAT ENTR ED CS ANNUAL SW S&S RNWL  
E06W0LL INFMX STORAGE OPTIMIZATION FEATURE FOR ENTR ED PVU ANNUAL  
SW S&S RNWL  
E0ALJLL IFMX STRG OPTM FEAT ENTRPR ED FUSSSI ANNUAL SW S&S RNWL  
D0924LL INFMX STRG OPTIM FEAT ENTR ED AUSI SW S&S REINSTATE 12 MO  
D0929LL INFMX STRG OPTIM FEAT ENTR ED CS SW S&S REINSTATE 12 MO  
D092KLL INFMX STORAGE OPTIMIZATION FEATURE FOR ENTR ED PVU SW S&S  
REINSTATE 12 MO  
D0GFYLL IFMX STRG OPTM FEAT ENTRPR ED FUSSSI SW S&S REINSTATE 12 MO  
D0953LL INFMX STORAGE OPTIMIZATION FEATURE FOR ENTR ED PROC DAY  
OOCOD TEMP USE CHRG  
  
D0D1NLL INFORMIX ENTERPRISE ED CPU OPTION PVU SYS Z LIC + SW S&S 12 MO  
D0D1QLL INFORMIX ENTERPRISE ED CPU OPTION PVU LIC + SW S&S 12 MO  
D0D1SLL INFORMIX ENT ED USER OPT CONCURRENT SESSION SYS Z LIC +  
SW S&S 12 MO  
D0D1ULL INFORMIX ENTERPRISE ED USER OPT CONCURRENT SESSION LIC +  
SW S&S 12 MO  
D0D20LL INFORMIX ENT ED USER OPT AU SINGLE INSTALL LIC + SW S&S 12 MO  
D0D22LL INFORMIX ENT ED USER OPT AU SINGLE INSTALL SYS Z LIC + SW  
S&S 12 MO  
D0GFVLL INFORMIX ENTERPRISE ED USER OPT FUSSSI LIC + SW S&S 12 MO  
D0GFZLL INFORMIX ENTERPRISE ED USER OPT FUSSSI FOR SYSTEM Z LIC +  
SW S&S 12 MO  
E08SKLL INFORMIX ENTERPRISE ED CPU OPTION PVU SYS Z ANNUAL SW S&S RNWL  
E08SLLL INFORMIX ENTERPRISE ED CPU OPTION PVU ANNUAL SW S&S RNWL  
E08SMLL INFORMIX ENT ED USER OPT CONCURRENT SESSION SYS Z ANNUAL  
SW S&S RNWL  
E08SNLL INFORMIX ENTERPRISE ED USER OPT CONCURRENT SESSION ANNUAL  
SW S&S RNWL  
E08SRLL INFORMIX ENT ED USER OPT AU SINGLE INSTALL ANNUAL SW S&S RNWL  
E08SSLL INFORMIX ENT ED USER OPT AU SINGLE INSTALL SYS Z ANNUAL  
SW S&S RNWL  
E0ALILL INFORMIX ENTERPRISE ED USER OPT FUSSSI ANNUAL SW S&S RNWL

E0ALKLL INFORMIX ENTERPRISE ED USER OPT FUSSSI FOR SYSTEM Z ANNUAL  
 SW S&S RNWL  
 D0D1PLL INFORMIX ENTERPRISE ED CPU OPTION PVU SYS Z SW S&S REINSTATE  
 12 MO  
 D0D1RLL INFORMIX ENTERPRISE ED CPU OPTION PVU SW S&S REINSTATE 12 MO  
 D0D1TLL INFORMIX ENT ED USER OPT CONCURRENT SESSION SYS Z SW S&S  
 REINSTATE 12 MO  
  
 D0D1VLL INFORMIX ENTERPRISE ED USER OPT CONCURRENT SESSION SW S&S  
 REINSTATE 12 MO  
 D0D21LL INFORMIX ENT ED USER OPT AU SINGLE INSTALL SW S&S REINSTATE  
 12 MO  
 D0D23LL INFORMIX ENT ED USER OPT AU SINGLE INSTALL SYS Z SW S&S  
 REINSTATE 12 MO  
 D0GFWLL INFORMIX ENTERPRISE ED USER OPT FUSSSI SW S&S REINSTATE 12 MO  
 D0GG0LL INFORMIX ENTERPRISE ED USER OPT FUSSSI FOR SYSTEM Z SW S&S  
 REINSTATE 12 MO  
 D0D5LLL IFMX ENTR ED CPU OPT PVU F WKG ED PVU TRDUP LIC + SW S&S 12 MO  
 D0D5MLL IFMX ENTR ED CPU OPT PVU F IDS 7 ENTPR ED PVU TRDUP LIC +  
 SW S&S 12 MO  
 D0D5NLL IFMX ENTR ED CPU OPT PVU F QUALIFD COMPETITOR PROC TRDUP  
 LIC + SW S&S 12 MO  
 D0D5PLL IFMX ENTR CPU OPT PVUSZ F IDS 7 ENTPR ED ZS PVU TRDUP LIC + SW  
 S&S 12 MO  
 D0D5QLL IFMX ENTR CPU OPT PVUSZ F QUALIFD COMPETITOR PROC TRDUP  
 LIC + SW S&S 12 MO  
 D0D5RLL IFMX ENTRUSR OPT CS SYS F IDS 7 ENTPR ED ZS CS TRDUP  
 LIC + SW S&S 12 MO  
 D0D5SLL IFMX ENTR ED UR OPT F WRKGP ED CS TRDUP LIC + SW S&S 12 MO  
 D0D5TLL IFMX ENTR ED UR OPT F IDS 7 ENTPR ED CS TRDUP LIC + SW  
 S&S 12 MO  
 D0D5ULL IFMX ENTR ED USER OPT AUSI F WRKGP ED AUSI TRDUP LIC +  
 SW S&S 12 MO  
 D0GLBLL IFMX ENTER ED USR OPT F IDS 7 EE FUSSSI TRDUP LIC + SW  
 S&S 12 MO  
 D0GLDLL IFMX ENTER ED USR OPT F WKG ED FUSSSI TRDUP LIC + SW  
 S&S 12 MO  
 D0GLJLL IFMX ENTER ED USR OPT F IDS 7 EE FUSSSI SZ TRDUP LIC +  
 SW S&S 12 MO  
 D0D28LL INFORMIX ENTERPRISE EDITION CPU OPTION PROC DAY OOCOD  
 TEMP USE CHRNG

#### 5725-A40

D0D5ZLL IFMX WRKED CPU OPT PVU F QUALIFIED COMPETITOR PROC TRDUP  
 LIC + SW S&S 12 MO  
 D0D1WLL INFORMIX WRKGP ED CPU OPTION LIMITED USE SOCKET LIC +  
 SW S&S 12 MO  
 D0D1YLL INFORMIX WRKGP ED CPU OPTION PROCESSOR VALUE UNIT LIC +  
 SW S&S 12 MO  
 D0D24LL INFORMIX WRKGP ED USER OPTION AU SINGLE INSTALL LIC +  
 SW S&S 12 MO  
 D0D26LL INFORMIX WRKGP ED USER OPTION CONCURRENT SESSION LIC +  
 SW S&S 12 MO  
 D0GFALL INFORMIX WRKGP ED USER OPTION FUSSSI LIC + SW S&S 12 MO  
 E08SPLL INFORMIX WRKGP ED CPU OPTION LIMITED USE SOCKET  
 ANNUAL SW S&S RNWL  
 E08SQLL INFORMIX WRKGP ED CPU OPTION PROCESSOR VALUE UNIT ANNUAL  
 SW S&S RNWL  
 E08STLL INFORMIX WRKGP ED USER OPTION AU SINGLE INSTALL ANNUAL SW  
 S&S RNWL  
 E08SULL INFORMIX WRKGP ED USER OPTION CONCURRENT SESSION ANNUAL  
 SW S&S RNWL  
 E0ALALL INFORMIX WRKGP ED USER OPTION FUSSSI ANNUAL SW S&S RNWL  
 D0D1XLL INFORMIX WRKGP ED CPU OPTION LIMITED USE SOCKET SW S&S  
 REINSTATE 12 MO  
 D0D1ZLL INFORMIX WRKGP ED CPU OPTION PROCESSOR VALUE UNIT SW S&S  
 REINSTATE 12 MO  
 D0D25LL INFORMIX WRKGP ED USER OPTION AU SINGLE INSTALL SW S&S  
 REINSTATE 12 MO  
 D0D27LL INFORMIX WRKGP ED USER OPTION CONCURRENT SESSION SW S&S  
 REINSTATE 12 MO  
 D0GFBLL INFORMIX WRKGP ED USER OPTION FUSSSI SW S&S REINSTATE 12 MO

D0D5VLL IFMX WRKED CPU OPT PVU FR IDS 7 WKGP ED PVU TRDUP LIC +  
SW S&S 12 MO  
D0D5WLL IFMX WRKED CPU OPT PVU FR IFMX SE RT OR DEV CS TRDUP LIC  
+ SW S&S 12 MO  
D0D5XLL IFMX WRKED CPU OPT PVU FR ONLINE EXT ED CS TRDUP LIC + SW  
S&S 12 MO  
  
D0D5YLL IFMX WRKED CPU OPT PVU FR EXPRESS ED PVU TRDUP  
LIC + SW S&S 12 MO  
D0D60LL IFMX WKG ED CPU OP LUS F WKG ED 100 PVU TO 1 LUS TRDUP  
LIC + SW S&S 12 MO  
D0D61LL IFMX WKG ED UR OPT CS F IDS 7 WORKGROUP ED CS TRDUP LIC +  
SW S&S 12 MO  
D0D62LL IFMX WKG ED UR OPT CS F IFMX SE RT OR DEV CS TRDUP LIC +  
SW S&S 12 MO  
D0D63LL IFMX WKG ED UR OPT CS F IFMX ONLINE EXTENDED ED CS TRDUP  
LIC + SW S&S 12 MO  
D0D64LL INFMX WKG US OPT F EXPRESS ED AUTH USR SINGLE INST TRDUP  
LIC + SW S&S 12 MO  
D0DJBL INFMX WKG US OPT F CHOICE ED AUTH USR SINGLE INSTL TRDUP  
LIC + SW S&S 12 MO  
D0DJCLL IFMX WKG ED CPU OPT LUS F CHOICE ED LU SOCKET TRDUP LIC +  
SW S&S 12 MO  
D0GLELL IFMIX WKG ED USR OPT F IDS 7 WE FUSSSI TRDUP LIC +  
SW S&S 12 MO  
D0GLFLL IFMIX WKG ED USR OPT F ONLINE EE FUSSSI TRDUP LIC +  
SW S&S 12 MO  
D0GLHLL IFMIX WKG ED USR OPT F SE RT DEV FUSSSI TRDUP LIC +  
SW S&S 12 MO  
D0D29LL INFORMIX WRKGP EDITION CPU OPTION PROC DAY OOCOD TEMP  
USE CHR

#### 5725-D14

D0IJGLL IBM INFORMIX ADVANCED ENTERPRISE EDITION PER PVU LIC + SW  
S&S 12 MO  
E0BQ7LL IBM INFORMIX ADVANCED ENTERPRISE EDITION PER PVU ANNUAL  
SW S&S RNWL  
D0IJHLL IBM INFORMIX ADVANCED ENTERPRISE EDITION PER PVU SW S&S  
REINSTATE 12 MO  
D0IJILL TRADEUP FROM INFORMIX ENTERPRISE EDITION CPU TRDUP LIC +  
SW S&S 12 MO  
D0IJJLL TRADEUP FROM INFORMIX EXTENDED PARALLEL SERVER CPU TRDUP  
LIC + SW S&S 12 MO  
D0IJKLL TRADEUP FROM ADVANCED WRKGP ED EDITION TRDUP LIC + SW  
S&S 12 MO  
D0IJLLL TRADEUP FROM ENT + STORAGE OPTIMIZATION CPU TRDUP LIC +  
SW S&S 12 MO  
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E0D70LL INFORMIX ADVANCED WRKGP ED EDITION PER PVU ANNUAL SW S&S RNWL  
D0N1JLL INFORMIX ADVANCED WRKGP ED EDITION PER PVU SW S&S  
REINSTATE 12 MO

#### 5725-H00

D0QBPLL IBM INFORMIX ADV HYPERSVISOR EDITION FOR AIX® PVU LIC + SW  
S&S 12 MO  
E0E0QLL IBM INFORMIX ADV HYPERSVISOR EDITION FOR AIX PVU ANNUAL SW  
S&S RNWL  
D0QBQLL IBM INFORMIX ADV HYPERSVISOR EDITION FOR AIX PVU SW S&S  
REINSTATE 12 MO  
D0QBRLL HYPER ED F AIX CPU OPT PVU FR ULTMT ED CPU OPT PVU TRDUP  
LIC + SW S&S 12 MO

#### 5725-H01

D0QBSLL INFMX ADV HYPER ED F RED HAT ENTERPRISE LINUX SVR PVU LIC  
+ SW S&S 12 MO

E0E0RLL INFMX ADV HYPER ED F RED HAT ENTERPRISE LINUX SVR PVU  
 ANNUAL SW S&S RNWL  
 D0QBTL INFMX ADV HYPER ED F RED HAT ENTERPRISE LINUX SVR PVU SW  
 S&S REINSTATE 12 MO  
 D0QBULL HPVS ED RH ENTLNXSVR CPUOPT FR ULTMT ED CPUOPT PVU TRDUP  
 LIC + SW S&S 12 MO

Media packs description	Part number
IBM Informix JDBC Driver/Embedded SQL IBM Informix JDBC Driver/Embedded SQL 4.10 Multiplatform English Media Pack	BB1E0EN
IBM Informix Client SDK 4.10 IBM Informix Client SDK 4.10 Multiplatform English English Media Pack	BB1E1EN
Informix Advanced Enterprise Edition 12.10 Informix Advanced Enterprise Edition 12.10 Multiplatform English Media Pack	BB1E2EN
IBM Informix Enterprise Edition 12.10 IBM Informix Enterprise Edition 12.10 Multiplatform English Media Pack	BB1E3EN
Informix Advanced workgroup Edition 12.10 Informix Advanced workgroup Edition 12.10 Multiplatform English Media Pack	BB1E4EN
IBM Informix workgroup Edition 12.10 IBM Informix workgroup Edition 12.10 Multiplatform English Media Pack	BB1E5EN
IBM Informix Express Edition 12.10 IBM Informix Express Edition 12.10 Multiplatform Multilingual Media Pack	BB1E6ML

### **Hypervisor**

INFORMIX ADVANCED WORKGROUP EDITION 12.10 MULTIPLATFORM ENGLISH MEDIA PACK	BB1E4EN
IBM INFORMIX ADV HYPERVISOR EDITION 11.70 FOR RHEL SERVER ENGLISH MEDIA PACK	BB1CAEN
IBM INFORMIX ADV HYPERVISOR EDITION 11.70 FOR RHEL SERVER ENGLISH MEDIA PACK	BB1DGEN

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## **Terms and conditions**

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The information provided in this announcement letter is for reference and convenience purposes only. The terms and conditions that govern any transaction with IBM are contained in the applicable contract documents such as the IBM International Program License Agreement, IBM International Passport Advantage Agreement, and the IBM Agreement for Acquisition of Software Maintenance.

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### **License Information form number**

L-DDAY-93LB99 Informix Advanced Enterprise Edition  
L-DDAY-93KKJH Informix Enterprise Edition  
L-DDAY-93L3Q6 Informix Workgroup Edition  
L-DDAY-93QSFF Informix Advanced Enterprise Edition for  
Time-Limited Evaluation  
L-DDAY-93QS67 Informix Enterprise Edition for Time-Limited Evaluation  
L-DDAY-93LBHY Informix Advanced Workgroup Edition  
L-DDAY-93L63P Informix Express Edition  
L-DDAY-93LAJS Informix Innovator-C Edition  
L-DDAY-93LAVZ Informix Developer Edition  
L-DDAY-93QCTN Informix Client Software Development Kit qq  
Developer Edition  
L-DDAY-93MKCH Informix Client Software Development Kit  
L-DDAY-95BM4Y Informix JDBC Driver / Embedded SQL Developer Edition  
L-DDAY-93UKG5 Informix Connect Runtime

The program's License Information will be available for review on the IBM Software License Agreement website

<http://www.ibm.com/software/sla/sladb.nsf>

### **Limited warranty applies**

Yes

### **Money-back guarantee**

If for any reason you are dissatisfied with the program and you are the original licensee, you may obtain a refund of the amount you paid for it, if within 30 days of your invoice date you return the program and its PoE to the party from whom you obtained it. If you downloaded the program, you may contact the party from whom you acquired it for instructions on how to obtain the refund.

For clarification, note that (1) for programs acquired under the IBM International Passport Advantage offering, this term applies only to your first acquisition of the program and (2) for programs acquired under any of IBM's On/Off Capacity on Demand (On/Off CoD) software offerings, this term does not apply since these offerings apply to programs already acquired and in use by you.

### **Other terms**

#### **Volume orders (IVO)**

Yes. Contact your IBM representative.

### **IBM International Passport Advantage Agreement**

#### **Passport Advantage applies**

Yes, and through the Passport Advantage website at

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

#### **Usage restriction**

Yes. The following describes licensee's license entitlement requirements for secondary or standby servers used for high availability and failover configurations in support of primary servers on which Informix Workgroup Edition V12.10 or Informix

Enterprise Edition V12.10 is installed. The following entitlement requirements are cumulative and are in addition to the entitlements required for the primary servers.

### 1.1 Hot Standby

Hot Standby means that Informix Workgroup Edition V12.10 or Informix Enterprise Edition V12.10 is operational on the secondary and standby servers to service user transactions or queries. All Hot Standby servers must be fully licensed under the same charge metric as the primary servers.

### 1.2 Idle/Warm Standby

Idle/Warm Standby means that Informix Workgroup Edition V12.10 or Informix Enterprise Edition V12.10 is installed but is not operational to service user transactions or query workloads, and is used exclusively for administrative actions that assist in failover scenarios, such as having a database in roll-forward pending state to support log shipping; or making a copy of a database and performing a database backup of this copy on another server; or keeping a standby database synchronized using High Availability Data Replication (HDR). There are no additional charges for the Informix Workgroup Edition V12.10 or Informix Enterprise Edition V12.10 placed on Idle/Warm Standby configurations. Informix Express Edition V12.10 must be fully licensed under the same charge metric as the primary server when placed on Idle/Warm Standby configurations.

### 1.3 Cold Standby

Cold Standby means that the program is installed but the Informix data server is not running. A server is considered a Cold Standby server if licensee must run the command oninit to instantiate the Informix data server. No additional license entitlements are required for Cold Standby servers.

The following programs licensed on the Concurrent Session charge metric are no longer required to be on the same charge metric as the underlying Informix database:

IBM Informix 4GL Compiler Runtime V7.50  
IBM Informix 4GL Rapid Development System Runtime V7.50  
IBM Informix SQL RDS Runtime V7.50

### ***Software Subscription and Support applies***

Yes. Software Subscription and Support (also referred to as Software Maintenance) is included with licenses purchased through Passport Advantage and Passport Advantage Express . Product upgrades and Technical Support are provided by the Software Subscription and Support offering as described in the Agreements. Product upgrades provide the latest versions and releases to entitled software and Technical Support provides voice and electronic access to IBM support organizations, worldwide.

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While your Software Subscription and Support is in effect, IBM provides you assistance for your routine, short duration installation and usage (how-to) questions, and 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, 7 days a week. For additional details, consult your IBM Software Support Handbook at

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

Software Subscription and Support does not include assistance for the design and development of applications, your use of programs in other than their specified

operating environment, or failures caused by products for which IBM is not responsible under the applicable agreements.

For additional information about the International Passport Advantage Agreement and the IBM International Passport Advantage Express Agreement, visit the Passport Advantage website at

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

***System i Software Maintenance applies***

No

***Variable charges apply***

Yes

***Educational allowance available***

Not applicable.

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## Statement of good security practices

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IT system security involves protecting systems and information through prevention, detection, and response to improper access from within and outside your enterprise. Improper access can result in information being altered destroyed or misappropriated or can result in misuse of your systems to attack others. Without a comprehensive approach to security, no IT system or product should be considered completely secure and no single product or security measure can be completely effective in preventing improper access. IBM systems and products are designed to be part of a comprehensive security approach, which will necessarily involve additional operational procedures, and may require other systems, products, or services to be most effective. IBM does not warrant that systems and products are immune from the malicious or illegal conduct of any party.

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## Prices

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If you are an IBM Business Partner -- Distributor for Workstation Software acquiring products from IBM , you may link to Passport Advantage Online for resellers where you can obtain Business Partner pricing information. An IBM ID and password are required.

<http://www.ibm.com/partnerworld/sg/apchannounce/>

For current prices, visit

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

For all local charges, contact your IBM representative.

### **Passport Advantage**

For Passport Advantage information and charges, contact your IBM representative or authorized IBM Business Partner for Software Value Plus. Additional information is also available at

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

**Variable charges:** The applicable processor-based one-time charge will be based on the group of the designated machine on which the program is licensed for use. If the program is designated to a processor in a group for which no charge is listed,

the charge of the next higher group listed applies. For movement to a machine in a higher group, an upgrade charge equal to the difference in the then-current charges between the two groups will apply. For movement to a machine in a lower group, there will be no adjustment or refund of charges paid.

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## AP distribution

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Country/Region	Announced
AP IOT	
ASEAN*	Yes
India/South Asia**	Yes
Australia	Yes
People's Republic of China	Yes
Hong Kong S.A.R of the PRC	Yes
Macao S.A.R of the PRC	Yes
Taiwan	Yes
Korea	Yes
New Zealand	Yes
Japan IOT	
Japan	Yes

\* Brunei Darussalam, Indonesia, Cambodia, Lao People's Democratic Republic, Malaysia, Philippines, Singapore, Thailand, and Vietnam

\*\*Bangladesh, Bhutan, India, Sri Lanka, Maldives, Nepal, and Afghanistan

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