



IBM Informix Enterprise Hypervisor Edition V12.10 delivers rapid deployment and provisioning of IBM Informix servers

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At a glance

IBM® Informix® Enterprise Hypervisor Edition V12.10:

- Optimizes IBM Informix Enterprise V12.10 for deployment into virtualized environments
- Provides an Informix Enterprise Hypervisor with deployed functionality on Red Hat Enterprise Linux™ Server for IBM Enterprise Linux Server and AIX®

Overview

IBM Informix Enterprise Hypervisor Edition V12.10 continues to support the deployment of Informix Enterprise Edition database server by IBM PureApplication™ System and VMware ESX environments managed by IBM Workload Deployer.

Informix Enterprise Hypervisor Edition V12.10 combines IBM Informix Enterprise Edition and supported operating systems, and is optimized for Red Hat Enterprise Linux Server and AIX . It can take the form of a single database server or a member of a cluster of database servers.

By deploying and running Informix Enterprise Hypervisor Edition in virtualized environments, you can better utilize hardware, which may ultimately reduce hardware, power, cooling, and real estate costs. Increased hardware utilization allows a single machine to be partitioned into multiple smaller virtual machines, each of which can run an instance of Informix Enterprise Hypervisor Edition.

Key prerequisites

Refer to the [Hardware requirements](#) and [Software requirements](#) sections for details.

Planned availability date

June 14, 2013: Electronic availability

July 5, 2013: Media availability

Availability of programs with encryption algorithm in France is subject to French government approval.

Cryptography in this product is limited to password encryption, authentication or digital signature.

Description

IBM Informix Enterprise Hypervisor Edition V12.10 highlights:

- Designed for the private cloud with flexibility and simplicity that further leverages IBM Informix clustering and flexible grid technology.
- Enabled and optimized for IBM PureApplication System with simplified management through a single console.
- Delivers key strengths of the Informix Enterprise Edition - performance, resilience, and scalability.
- Has Database Edition Management that enables interruption-free database rollout. Databases can be upgraded without incurring outages to your end users.
- Allows for service policy management to reduce the risk of downtime and make fine-grained resource allocation decisions based on observed demand and configured policy.

IBM PureApplication System and IBM Workload Deployer are cloud computing appliances that manage Informix products in a cloud environment. The Informix Enterprise Hypervisor image and system pattern can be dispensed into a pool of virtualized resources running a supported hypervisor. The optimization for deployment speed and agility enables an entirely new usage paradigm for the Informix database server built around rapid setup and provisioning.

Flexible deployment options

Flexible deployment options for IBM Informix Enterprise Hypervisor Edition are available on Red Hat Enterprise Linux Server on x86 and AIX operating systems.

IBM PureApplication System W1500 (PureApplication System) is an expert integrated system. It combines the flexibility of a general-purpose system and the simplicity of an appliance. Integrated expertise throughout the system fundamentally changes the economics of IT. PureApplication System comes integrated from the IBM factory, architected by IBM experts. Informix Enterprise Hypervisor Edition is optimized for IBM PureApplication System and is available as an add-on system pattern.

IBM Workload Deployer appliance is a cloud computing appliance that manages IBM WebSphere® products in a cloud environment. It dispenses patterns of virtual images into a pool of virtualized resources running a supported hypervisor. The optimization for deployment speed and agility enables an entirely new usage paradigm for Informix Enterprise Edition built around rapid setup and teardown. Databases can be based upon a standardized deployment that is destroyed and reinstalled after each use.

Accessibility by people with disabilities

A US Section 508 Voluntary Product Accessibility Template (VPAT) can be requested via the IBM website

http://www.ibm.com/able/product_accessibility/index.html

Reference information

Refer to Software Announcement [ZP13-0191](#), dated March 26, 2013 .

Program number

Program number	VRM	Program name
5725-H00	12.10.0	IBM Informix Hypervisor Edition for AIX
5725-H01	12.10.0	IBM Informix Hypervisor Edition for Red Hat Enterprise Linux Server

Offering Information

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>

Publications

No hardcopy publications are shipped with these products.

Product documentation, in XHTML, is available in the Informix virtual images section of the Informix V12.10 Information Center at

<http://pic.dhe.ibm.com/infocenter/informix/v121/index.jsp>

Convenient links to all formats of product documentation for IBM Informix Enterprise Hypervisor Edition V12.10 are available at

<http://www.ibm.com/support/docview.wss?uid=swg27038506>

Technical information

Specified operating environment

Hardware requirements

IBM Informix Enterprise Hypervisor Edition V12.10 requires one of the following:

- IBM PureApplication System. For requirements for IBM PureApplication System, refer to Software Announcement [ZP12-0151](#), dated April 11, 2012 .
- IBM Workload Deployer V3.1. For requirements for IBM Workload Deployer V3.1, refer to Hardware Announcement [ZG11-0315](#), dated October 04, 2011 .

Current licenses for AIX , purchased as part of IBM Power Systems™ hardware and IBM PowerVM® setup, are required to use IBM Informix Enterprise Hypervisor Edition V12.10 on IBM Workload Deployer.

Software requirements

Informix Enterprise Hypervisor Edition V12.10 can be deployed using IBM Workload Deployer V3.1, or later.

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

Direct customer support

- IBM supports each Informix Enterprise Hypervisor Edition for the lifecycle of the corresponding Informix Enterprise Edition. All Informix Enterprise Hypervisor Edition V12.10 offerings will have the same end-of-support date as Informix Enterprise Edition V12.10.
- Informix Enterprise Hypervisor Edition requires you to have a separate license and support entitlement for the operating system. The operating system included in Informix Enterprise Hypervisor Edition is restricted to the support of the virtualized product edition.
- Technical support allows you to obtain assistance (via telephone or electronic means) from IBM for product-specific, task-oriented questions regarding the installation and operation of the program product.

IBM will provide support for the Red Hat Enterprise Linux Server component included in Informix Enterprise Hypervisor Edition, under the following conditions:

- The Red Hat Enterprise Linux Server component is used only in conjunction with Informix Hypervisor Edition.
- The version of Red Hat Enterprise Linux Server is a version supported by Red Hat.

IBM may ask customers to move up to the latest Red Hat Enterprise Linux Server support level. IBM, in turn, will upgrade the version of the underlying Red Hat Enterprise Linux Server during the Informix Enterprise Hypervisor Edition support lifecycle to maintain the operating system support. Customers with active Passport Advantage subscription and support are entitled to this upgrade.

Packaging

Informix Enterprise Hypervisor Edition includes Informix Enterprise Edition V12.10 with optionally selectable products that operate with Red Hat Enterprise Linux Server and PowerVM .

The software delivered on physical media, packaging:

- IBM Informix Enterprise Hypervisor Edition V12.10 for Red Hat Enterprise Linux Server is shipped on two DVDs containing a System Pattern and Hypervisor Image, respectively.
- IBM Informix Enterprise Hypervisor Edition V12.10 for AIX is shipped on four DVDs: two DVDs containing a System Pattern and Hypervisor Image, and two DVDs for IBM Workload Deployer containing a System Pattern and Hypervisor image.

For the convenience of licensees, IBM Informix Enterprise Hypervisor Edition V12.10 for Red Hat Enterprise Linux Server program is accompanied by the Red Hat Enterprise Linux Server program, which is a third-party operating system. The operating system is not part of the IBM program, and is licensed directly by the operating system provider (for example, Red Hat Inc.) to licensees. IBM is not a party to the license between the licensees and the third-party operating system provider, and includes the third-party operating system "**as is**", without representation or warranty, express or implied, including any implied warranty of merchantability, fitness for a particular purpose or non-infringement.

The applicable IBM International Program License Agreement (IPLA) and the separate Red Hat operating system license agreement will be presented for acceptance at download or at the time of installation of the program and then stored in a LICENSE.TXT file or similar directory.

Security, auditability, and control

IBM Informix Enterprise Hypervisor Edition for Red Hat Enterprise Linux Server 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.

Global Technology Services

Contact your IBM representative for the list of selected services available in your country, either as standard or customized offerings for the efficient installation, implementation, or integration of this product.

Ordering information

For ordering information, consult your IBM representative or authorized IBM Business Partner, or visit

<http://www-306.ibm.com/software/support/pa.html>

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

These products may only be sold directly by IBM or by authorized IBM Business Partners for Software Value Plus.

For more information about IBM Software Value Plus, visit

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<http://www.ibm.com/partnerworld/wps/bplocator/>

Product information

Licensed function title	Product group	Product category
IBM Informix Enterprise Hypervisor Ed for Red Hat Enterprise Linux Server	IBM Informix Servers	Informix Editions
IBM Informix Enterprise Hypervisor Edition for AIX	IBM Informix Servers	Informix Editions

Program name	PID number	Charge unit description
IBM Informix Enterprise Hypervisor Ed for Red Hat Enterprise Linux Server	5725-H01	Per Processor Value Unit (PVU)
IBM Informix Enterprise Hypervisor Edition for AIX	5725-H00	Per Processor value Unit (PVU)

Charge metrics definitions

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

http://www.ibm.com/software/lotus/passportadvantage/pvu_licensing_for_customers.html

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.

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 webpage 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_specific_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 program licenses

IBM Informix Hyper Ed for Red Hat Ent Lnx Srv

Part description	Part number
IBM Informix Enterprise Hypervisor Ed for Red Hat Enterprise Linux Server	
Ifmx Hyper Ed f RH Ent LxSrv Processor Value Unit Annual SW S&S Rnw1	E0E0RLL
Ifmx Hyper Ed f RH Ent LxSrv Processor Value Unit Lic + SW S&S 12 Mo	D0QBSLL
Ifmx Hyper Ed f RH Ent LxSrv Processor Value Unit SW S&S Reinstate 12 Mo	D0QBTL

IBM Informix Hypervisor Edition for AIX

Part description	Part number
IBM Informix Enterprise Hypervisor Edition for AIX	
Ifmx Hypervisor Ed for AIX Processor Value Unit Annual	E0E0QLL

SW S&S Rnw1
 Infmx Hypervisor Ed for AIX Processor Value Unit Lic + DOQBPLL
 SW S&S 12 Mo
 Infmx Hypervisor Ed for AIX Processor Value Unit SW S&S DOQBQLL
 Reinstate 12 Mo

Passport Advantage trade-up licenses

IBM Informix Hyper Ed for Red Hat Ent Lnx Srv

Precursor product	Trade-up product	Trade-up part number
IBM Informix Enterprise Hypervisor Ed for Red Hat Enterprise Linux Server		
IBM Informix Ultimate Edition CPU Option	Ifmx Hyper Ed f RH Ent LxSrv Per Processor Value Unit (PVU) Trade Up Lic +	DOQBULL

IBM Informix Hypervisor Edition for AIX

Precursor product	Trade-up product	Trade-up part number
IBM Informix Enterprise Hypervisor Edition for AIX		
IBM Informix Ultimate Edition CPU Option	Ifmx Hypervisor Ed for AIX Per Processor Value Unit (PVU) Trade Up Lic +	DOQBRL

Passport Advantage supply

Program name/description	Part number
Ifmx Hyper Ed f RH Ent LxSrv V12.10.0	
Infmx Entpr Hypervisor Ed V12.10.0 for Red Hat Enterprise Linux Media Pack	BB1FQEN
Infmx Hypervisor Ed for AIX V12.10.0	
Informix Enterprise Hypervisor Edition for AIX V12.10.0 DVD Media Pack	BB1FPEN

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.

Infmx Hypervisor Ed for AIX V12.10.0

Entitled maintenance offerings description	Media packs description	Part number
IBM Informix Enterprise Hypervisor Edition for AIX Per Processor Value Unit	Informix Enterprise Hypervisor Edition for AIX V12.10.0 DVD Media Pack	BB1FPEN

Ifmx Hyper Ed f RH Ent LxSrv V12.10.0

Entitled maintenance offerings description	Media packs description	Part number
IBM Informix Enterprise Hypervisor Edition for Red Hat Enterprise Linux Server Per Processor Value Unit	Infmx Entpr Hypervisor Ed V12.10.0 for Red Hat Enterprise Linux Media Pack	BB1FQEN

Terms and conditions

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.

Licensing

IBM International Program License Agreement including the License Information document and Proof of Entitlement (PoE) govern your use of the program. PoEs 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 numbers

Program name	Program number	Form number
IBM Informix Hyper Ed for Red Hat Ent Lnx Srv	5725-H01	L-JTRE-96EUW8
IBM Informix Hypervisor Edition for AIX	5725-H00	L-JTRE-96FVLD

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

Limited warranty

IBM warrants that when the program is used in the specified operating environment, it will conform to its specifications. The warranty applies only to the unmodified portion of the program. IBM does not warrant uninterrupted or error-free operation of the program or that IBM will correct all program defects. You are responsible for the results obtained from the use of the program.

IBM provides you with access to IBM databases containing information on known program defects, defect corrections, restrictions, and bypasses at no additional charge. For further information, consult the IBM Software Support Handbook found at

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

IBM will maintain this information for at least one year after the original licensee acquires the program (warranty period).

Program technical support

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

discontinuance date, contact your IBM representative or IBM Business Partner. This extension may be available for a fee.

Money-back guarantee

For clarification, note that 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 for programs acquired under the IBM International Passport Advantage Agreement, this term applies only to your first acquisition of the program.

International Passport Agreement

Volume orders (IVO)

No

Passport Advantage applies

Yes, and through the Passport Advantage website at

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

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Other terms

IBM Operational Support Services - SoftwareXcel

No

System i Software Maintenance applies

No

Educational allowance available

Education allowance does not apply.

Education software allowance does not apply.

Special education prices are available for qualified customers through Passport Advantage .

Statement of good security practices

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.

Prices

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>

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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.

<https://www.ibm.com/software/howtobuy/passportadvantage/paoreseller/emea/channelannouncement>

Announcement countries

All European, Middle Eastern, and African countries except:

- Iran
- Sudan
- Syria

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