Renaming IBM DB2 Warehouse and extending warehouse analytics with IBM InfoSphere Warehouse V9.5.1

At a glance

InfoSphere information middleware provides information integration, warehousing, and management capabilities to transform data into trusted strategic information that can be leveraged as an enterprise-wide asset.

IBM InfoSphere Warehouse V9.5.1 is an integrated data warehouse platform that provides the data server and tools needed to build, deploy, operate, and maintain a data warehouse and deliver the managed information assets across the enterprise. Included are integrated capabilities that enable users to design and deploy warehouse-based business analytics. These analytics include:

- Cubing Services, the new OLAP provider for InfoSphere Warehouse, that delivers OLAP analytics to the desk tops of more business users through the new OLE DB for OLAP interface
- Advanced data mining analytics
- Text analytics
- Embedded analytics delivery with IBM Alphablox
- Limited edition queries and reporting with Cognos 8 BI Starter Edition

For ordering, contact:

Your IBM representative or the Americas Call Centers at 800-IBM-CALL Reference: VE001

Overview

On January 30, 2008, IBM introduced a new family of products under the name of InfoSphere that enables organizations to transform information into a trusted asset for business. The InfoSphere product family name describes a new category of information middleware that integrates and transforms information into a trusted asset.

IBM InfoSphere Warehouse V9.5.1 is a renaming of IBM DB2® Warehouse V9.5 for the purpose of bringing IBM's strategic data warehouse offering into this new family of information middleware. In addition, IBM InfoSphere Warehouse V9.5.1 also brings new end-user analytics capabilities.

IBM InfoSphere Warehouse V9.5.1 builds on the foundation of IBM DB2 Warehouse V9.5 and adds powerful new capabilities to deliver analytics to more business end users through first class and ubiquitous business intelligence (BI) tools. In today's high performance enterprises, more users require access to BI as part of their day-to-day business activities. Decision makers at all levels of the organization need ready access to warehouse-driven business analytics delivered in an easily consumable form.
InfoSphere Warehouse V9.5 has already provided an enterprise-class platform for warehouse-based business analytics with pervasive and embedded delivery in the form of:

- Cubing Services, the new Online Analytical Processing (OLAP) provider for InfoSphere Warehouse
- Advanced data mining analytics
- Text analytics
- Embedded analytics delivery with IBM Alphablox

As a further extension of the data warehouse platform, IBM InfoSphere Warehouse V9.5.1 adds the OLE DB for OLAP interface for Cubing Services OLAP cubes. The OLE DB for OLAP interface enables common desktop tools such as Microsoft® Excel and market leading BI tools to access Cubing Services cubes. This puts more analytics into the hands of more end users, delivered within the BI tool of their choice.

To introduce enterprises to the query and reporting capabilities of Cognos, InfoSphere Warehouse V9.5.1 also includes the Cognos 8 BI Starter Edition. This limited edition of the powerful Cognos 8 BI platform provides a starting foundation for end users to perform business queries and reports against the data warehouse information assets.


Key prerequisites

Refer to the Hardware requirements and Software requirements sections.

Planned availability dates

- May 9, 2008: Electronic software delivery
- June 6, 2008: Media and documentation

Description

With the announcement of the new IBM InfoSphere product family in January of 2008, IBM introduced new information middleware that delivers trusted information assets throughout the enterprise.

IBM InfoSphere Warehouse V9.5.1 is the first member of this information middleware product family. At the same time, it is a renaming of IBM DB2 Warehouse V9.5 as well as extension of that offering in the area of Cubing Services client access.

InfoSphere Warehouse V9.5.1 includes the introduction of IBM's strategic data warehouse offering as part of the new category of information middleware as well as:

- Enablement of organizations to capture the strategic value of information
- Delivery of trusted information in context
- Delivery of information in real time as part of a business process (in line analytics)
- Provision of the complete view of enterprise information to enable accurate and timely decisions, and optimized business processes
- Delivery of the right information to the right place at the right time to ensure effective processes, applications, and users
- Establishing the foundation for trust in information
- Allowing organizations to take control over the growing types and volumes of information, transforming it into an enterprise asset
- Delivery of actionable information

In addition to the renaming of DB2 Warehouse to InfoSphere Warehouse, IBM InfoSphere Warehouse V9.5.1 delivers new client access to the Cubing Services OLAP provider. OLE DB for OLAP (ODBO) support has been added, enabling third-party business intelligence (BI) tools.
to access InfoSphere Warehouse-based cubes. In addition, Excel Pivot Table Services support allows any Excel user to access InfoSphere Warehouse Cubing Services cubes through a familiar tool. Because the cubes are accessed through Excel, this is available to users without requiring the installation of additional BI tools.

In InfoSphere Warehouse V9.5.1, the Cubing Services OLAP provider with the OLE DB for OLAP driver and Excel support is available in:

- Starter Edition
- Intermediate Edition
- Advanced Edition
- Base Edition
- Enterprise Edition
- Developer Edition
- InfoSphere Warehouse with Optim Data Retention

The corresponding OLE DB for OLAP driver is also available in all product editions.

Also included in InfoSphere Warehouse V9.5.1 Base and Enterprise Editions is a limited edition reporting platform based on the powerful Cognos 8 BI Starter Edition. This starter edition provides a foundation for business queries and reporting from which end users can upgrade to the full platform as enterprise requirements and user demands grow.

The Cognos 8 BI Starter Edition includes the following components:

- From the Cognos 8 BI platform:
  - Query Studio
  - Reporting Studio
  - Cognos Connection
  - Framework Manager
- DB2 Express-C V9.5 (for the Cognos repository)
- WebSphere® Application Server Express Edition V6.1.0.3
- Integrated installer to install and configure the above components
- Cognos 8 BI Starter Edition provided “as-is” and supported only through online self-help

The following limitations apply to the Cognos 8 BI Starter Edition:

- Up to five named users
- Single machine install only, up to 2 CPUs (for the Cognos server)
- Windows® only (for the Cognos server)
- DB2 data sources only

The Cognos 8 BI Starter Edition is available only in the Base, Enterprise, and Optim Data Retention Editions of InfoSphere Warehouse V9.5.1 as well as in the Base Warehouse Feature for DB2 and Enterprise Warehouse Feature for DB2 offerings.


**Accessibility by people with disabilities**

A U.S. Section 508 Voluntary Product Accessibility Template (VPAT) can be requested via the IBM Web site


**IPLA and Subscription and Support considerations**

IPLA licenses can be transferred from one machine to another within, but not limited to an
enterprise. You may aggregate the capacity for all the processors the product is operated on to achieve a more economic price. This will result in a single Proof of Entitlement (PoE). It is your responsibility to manage the distribution of Value Units within the limits of the entitlement of the product license.

Subscription and Support must cover the same capacity as the product license entitlement. Subscription and Support will be available in the country in which the agreement is made.

Product positioning

As part of the broader IBM InfoSphere product family initiative, IBM InfoSphere Warehouse V9.5.1 is positioned as the data warehouse information middleware for the enterprise.

The offering is targeted at information technology in larger organizations plus Business Partners who serve both IT and line of businesses that plan and implement data warehouse systems for operations or analytics. InfoSphere Warehouse provides data warehousing software to transform data into trusted strategic information that can be leveraged as an enterprise-wide asset. It also provides a unified information platform to integrate, manage, and analyze data and content, regardless of the type, volume, or complexity, and deliver it in context to users, applications, and business processes. This supports a single version of the "truth" that is actionable for everything related to customers, products, accounts, or any other information domain. InfoSphere Warehouse products have the capability to manage the complete lifecycle of the data warehouse. InfoSphere Warehouse products have the capability to manage the complete lifecycle of the data warehouse. InfoSphere Warehouse provides the tools for information to become a complete, up-to-date, instantly-accessible strategic asset that can make the business more competitive and successful.

The Cognos 8 BI Starter Edition is targeted for enterprise customers and is therefore only included in the Base and Enterprise editions of InfoSphere Warehouse, at no additional charge or price increase. This starter edition provides basic business query and reporting capability (not advanced analytics) to only five named users, thus seeding the enterprise with introductory enterprise reporting. You can build on this initial foundation by upgrading to the full Cognos 8 BI platform, which you can acquire from your Cognos representative.

The positioning of InfoSphere Warehouse V9.5.1 editions, including details on the positioning and target customer audience for each edition, can be found in Software Announcement 207-257, dated October 16, 2007, Eliminating the barriers with IBM DB2 Warehouse V9.5.

Reference information

Refer to:

- Software Announcement 208-054, dated March 25, 2008
- Software Announcement 207-257, dated October 16, 2007

Availability of national languages

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IBM United States Announcement 208-113

IBM is a registered trademark of International Business Machines Corporation
IBM InfoSphere Warehouse Multilingual June 6, 2008
Starter Edition (PVU) V9.5.1

Italian
Multilingual (French, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, English US, Italian)

IBM InfoSphere Warehouse Multilingual June 6, 2008
Starter Edition (Authorized User) V9.5.1

Italian
Multilingual (French, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, English US, Italian)

IBM Enterprise Warehouse Feature for DB2 V9.5.1

Multilingual June 6, 2008
(French, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, English US, Italian)

IBM InfoSphere Warehouse with Optim Data Retention V9.5.1

Multilingual June 6, 2008
(French, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, English US, Italian)

Trademarks

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

Microsoft and Windows are registered trademarks of Microsoft Corporation.

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

Education support

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

Call IBM training at 800-IBM-TEACH (426-8322) for catalogs, schedules, and enrollments.

The following InfoSphere Warehouse courses are currently available. Check with your country's Information Management Training and Education Web site or contact person to determine exactly when the new course material will be available.

Information Management Training is now offering some of our most popular courses in a new learning format, instructor-led online (ILO). With this new format, you get the benefits of being in a classroom with the convenience and cost savings of online training.

The following educational offerings are available:

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<td>Dimensional Modeling: In a Business Intelligence Environment</td>
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<td>SG24-2238-00</td>
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IBM United States Announcement 208-113
Offering Information

Product information is available via the Offering Information Web site

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

Also, visit the Passport Advantage® Web site

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

Publications

No hardcopy publications are shipped with these products.

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 U.S.) 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.

The InfoSphere Warehouse Installation Guide is available at


The InfoSphere Warehouse V9.5.1 Information Center is combined with the DB2 V9.5 Information Center

http://publib.boulder.ibm.com/infocenter/db2luw/v9r5/index.jsp

The following publications are available for InfoSphere Warehouse:

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<td>IBM InfoSphere Warehouse Cubing Services User’s Guide and Reference</td>
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<td>IBM InfoSphere Warehouse SQL Warehousing Tool User’s Guide</td>
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<td>IBM InfoSphere Warehouse Workload Management User’s Guide</td>
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<td>IBM Alphablox Administering Alphablox</td>
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<td>IBM Alphablox Getting Started Guide</td>
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Specified operating environment

Hardware requirements:

InfoSphere Warehouse is a distributed product and its components are arranged into three logical groups. Typically, you install these groups on three different computers, but you can install them on a single computer. These groups are:

- Warehousing Server: This group includes the server components of DB2, Query Patroller, Cubing Services, and Intelligent Miner™.
- Application Server: This group includes WebSphere® Application Server and applications that run on WebSphere: the InfoSphere Warehouse Administration Console, the SQL Warehousing Tool, and Alphablox. It also includes Cubing Services code.
- Client: This group includes the Design Studio, the Data Server Client front end, the Design Studio Center for Cubing Services, Intelligent Miner, and Query Patroller Center.

Cognos 8 BI Starter Edition is installed on a single Windows® computer. This should be on a separate computer from where you install your IBM InfoSphere Warehouse and should not contain other Cognos or IBM software.

The Cognos 8 BI Starter Edition includes the following components:

- Cognos 8.3 versions of Report Studio, Query Studio, Cognos Connection, and Framework Manager
- WebSphere Application Server Express Edition V6.1.0.3
- DB2 Express-C Edition V9.5

Requirements for InfoSphere Warehouse Server


Server operating systems

Linux™

- Red Hat Enterprise Linux (RHEL) 4 and 5 on 64-bit AMD and Intel® x86-64 systems
- SUSE Linux Enterprise Server (SLES) 9 and 10 on 64-bit AMD and Intel x86-64 systems

Windows

- Windows 2003 Standard, Enterprise, and Datacenter Editions 32 bit and 64 bit
AIX®
- AIX V5.3 (64-bit only)
- AIX V6.1 (64-bit only)

HP-UX
- HP-UX for 64-bit HP Integrity servers (Itanium-based systems)

Solaris
- Solaris 9 for UltraSPARC servers (64-bit only)
- Solaris 10 for UltraSPARC servers (64-bit only)

Client operating systems
Linux
- Red Hat Enterprise Linux (RHEL) 4 on 32-bit AMD and Intel x86 systems
- SUSE Linux Enterprise Server (SLES) 9 on 32-bit AMD and Intel x86 systems

Windows
- Windows XP Professional Edition 32 bit
- Windows Vista® Business, Enterprise, and Ultimate Editions 32 bit

Disk space
Temporary space for installable images of InfoSphere Warehouse components:
- If you download images from the IBM Web site, 8 GB of free disk space is required to store and unpackage the product components.

Temporary space for running the installation program:
- Approximately 500 MB of disk space is recommended.

Permanent space for the installed components:
- On Windows, approximately 1 GB of disk space is recommended for the data server.
- On Linux and UNIX®, approximately 1.5 GB of disk space is recommended for the installed product.

Memory
Memory for installing the product: Approximately 1 GB of memory is needed by the InfoSphere Warehouse installation program to install all the InfoSphere Warehouse Server components.

Memory for running the product:
- A minimum of 1 GB of memory is recommended to run the InfoSphere Warehouse Server components alone. If you run the Application Server components on the same computer, 2 GB is recommended.
- If you add more InfoSphere Warehouse components to the same computer, you must have more memory to run them in addition to the memory reserved for the Application Server.

Requirements for the InfoSphere Warehouse Application Server

The following documents the required hardware and software for the computer on which you install the Application Server for InfoSphere Warehouse V9.5.1.
For detailed information about supported hardware and software for WebSphere, visit

Linux

• Red Hat Enterprise Linux (RHEL) 4 and 5 on 64-bit AMD and Intel x86-64 systems
• SUSE Linux Enterprise Server (SLES) 9 and 10 on 64-bit AMD and Intel x86-64 systems

Windows

• Windows 2003 Standard, Enterprise, and Datacenter Editions 32 bit and 64 bit

AIX

• AIX V5.3 (64-bit only)
• AIX V6.1 (64-bit only)

HP-UX

• HP-UX for 64-bit HP Integrity servers (Itanium-based systems)

Solaris

• Solaris 9 for UltraSPARC servers (64-bit only)
• Solaris 10 for UltraSPARC servers (64-bit only)

Supported Web browsers:

• Web browsers supported by InfoSphere Warehouse Administration Console: The InfoSphere Warehouse Administration Console has been verified to work with Internet Explorer 6.0 with SP 1 and Internet Explorer V7.0 (Windows), and Firefox V1.5 and V2.0.
• Web browsers supported by WebSphere Application Server: The administrative console for WebSphere Application Server supports Internet Explorer 6.0, with SP 1 (Windows), Mozilla V1.7.8, and Firefox V1.5.

Disk space

Temporary space for installable images of the InfoSphere Warehouse components:

• If you download images from the IBM Web site, 8 GB of free disk space is required to store and unpack the product components.
• Approximately 2.7 GB of disk space is recommended for the installation images of the Application Server components alone. If you install all of the documentation, you need another 3.2 GB.
• On AIX, you must have enough disk space for all the installable images for the entire InfoSphere Warehouse product, even if you are not installing all the components. This is approximately 7.5 GB.

Temporary space for running the installation program: Approximately 550 MB of disk space is recommended.

Permanent space for the installed components: Approximately 2 GB of disk space is recommended for WebSphere, the InfoSphere Warehouse Administration Console, and the IBM Alphablox administration tool. If you are installing WebSphere into a 64-bit instance, you will need an additional 500 MB.

Memory

Memory for installing the product: Approximately 1 GB of memory is recommended to install the Application Server.

Memory for running the product:
• A minimum of 1 GB of memory is recommended to run the Application Server alone. If you run the InfoSphere Warehouse Server components on the same computer, another 2 GB of memory is recommended.

• If you add more InfoSphere Warehouse components to the same computer, you must have more memory to run them in addition to the memory reserved for the Application Server.

Requirements for the InfoSphere Warehouse client computer


The following documents the required hardware and software for the client computer for InfoSphere Warehouse V9.5.1.

Linux

• Red Hat Enterprise Linux (RHEL) 4 on 32-bit AMD and Intel x86 systems
• SUSE Linux Enterprise Server (SLES) 9 on 32-bit AMD and Intel x86 systems

Windows

• Windows XP Professional Edition 32 bit
• Windows Vista Business, Enterprise, and Ultimate Editions 32 bit

Disk space

Temporary space for installable images of the InfoSphere Warehouse components:

• If you download images from the IBM Web site, 8 GB of free disk space is required to store and unpack the product components.
• Approximately 1.5 GB of temporary disk space is recommended to store the installation images. If you install all of the documentation, you need another 3.2 GB.

Temporary space for running the installation program: Approximately 500 MB of disk space is recommended to run the installation program.

Permanent space for the installed components: Approximately 2 GB of disk space is recommended for the installed product.

Memory

Memory for installing the product: Approximately 1 GB of memory is recommended to install the client applications.

Memory for running the product: Approximately 1 GB of memory is recommended to run the client applications.

Requirements for Cognos 8 BI Starter Edition

You can install Cognos components if you purchased the InfoSphere Warehouse Base Edition, Enterprise Edition, or Optim Data Retention Edition, as well as the Base Warehouse Feature for DB2 or Enterprise Warehouse Feature for DB2 offerings.

The following documents the required hardware and software for Cognos 8 BI Starter Edition.

Windows

• Windows XP Professional Edition 32 bit
• Windows 2003 Standard, Enterprise, and Datacenter Editions 32 bit

Verify the hardware and software requirements by doing the following:

• Review the IBM product documentation regarding memory, disk space, and CPU processing power required to run the IBM products.
• Ensure that, at minimum, 1 GB of physical memory available for optimum performance and reliability. The default WebSphere configuration will set 768 MB of memory for the maximum Java™ heap size. This value can be changed after installation and configuration using the
WebSphere administration tools.

- Ensure that you have at least 500 MB of temporary disk space available during the installation, as well as adequate disk space for the Cognos 8 BI Starter Edition to operate properly.

Apply all required operating system patches and use only the versions of third-party software that are supported.

To view an up-to-date list of software environments supported by Cognos products, such as operating systems, patches, browsers, Web servers, directory servers, database servers, and application servers, visit the Cognos Global Customer Services Web site

http://support.cognos.com

For more information about using IBM Cognos 8 BI Starter Edition or for technical assistance, visit


Software requirements:

For a current list of supported operating systems, refer to the IBM InfoSphere Warehouse Web site


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

Software Maintenance is included with licenses purchased through Passport Advantage and Passport Advantage Express. Product upgrades and technical support are provided by the Software Maintenance 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.

IBM includes one year of Software Maintenance with each program license acquired. The initial period of Software Maintenance can be extended by the purchase of a renewal option, if available.

Packaging:

Note:

- The InfoSphere Warehouse Server DVDs include Enterprise Server Edition, applicable DB2 Feature entitlements, InfoSphere Warehouse components, and WebSphere Application Server.
- The InfoSphere Warehouse Client DVDs include IBM Data Server Client, InfoSphere Warehouse components, Information Center, Samples, and Tutorial.

IBM InfoSphere Warehouse Starter Edition V9.5.1 — Authorized user and CPU options

- IBM InfoSphere Warehouse Quick Start CD
- IBM InfoSphere Warehouse Starter Edition — Activation CD
- IBM InfoSphere Warehouse Server for Linux on AMD64 and Intel EM64T systems (x86-64) DVD
- IBM InfoSphere Warehouse Server for Windows on 32-bit AMD and Intel systems (x86) DVD
- IBM InfoSphere Warehouse Server for Windows on AMD64 and Intel EM64T systems (x64) DVD
- IBM InfoSphere Warehouse Client for Linux on 32-bit AMD and Intel systems (x86) DVD
• IBM InfoSphere Warehouse Client for Windows on 32-bit AMD and Intel systems (x86) DVD
• IBM WebSphere Application Server Toolkit for Linux on 32-bit AMD and Intel systems (x86) CD
• IBM WebSphere Application Server Toolkit for Windows on 32-bit AMD and Intel systems (x86) CD
• IBM Tivoli® System Automation Multiplatforms for Windows on 32-bit AMD and Intel systems (x86) CD

**IBM InfoSphere Warehouse Intermediate Edition V9.5.1 — Authorized user and CPU options**

• IBM InfoSphere Warehouse Quick Start CD
• IBM InfoSphere Warehouse Intermediate Edition — Activation CD
• IBM InfoSphere Warehouse Server for Linux on AMD64 and Intel EM64T systems (x86-64) DVD
• IBM InfoSphere Warehouse Server for Windows on 32-bit AMD and Intel systems (x86) DVD
• IBM InfoSphere Warehouse Server for Windows on AMD64 and Intel EM64T systems (x64) DVD
• IBM InfoSphere Warehouse Client for Linux on 32-bit AMD and Intel systems (x86) DVD
• IBM InfoSphere Warehouse Client for Windows on 32-bit AMD and Intel systems (x86) DVD
• IBM WebSphere Application Server Toolkit for Linux on 32-bit AMD and Intel systems (x86) CD
• IBM WebSphere Application Server Toolkit for Windows on 32-bit AMD and Intel systems (x86) CD
• IBM Tivoli System Automation Multiplatforms for Windows on 32-bit AMD and Intel systems (x86) CD

**IBM InfoSphere Warehouse Advanced Edition V9.5.1**

• IBM InfoSphere Warehouse Quick Start CD
• IBM InfoSphere Warehouse Advanced Edition — Activation CD
• IBM InfoSphere Warehouse Server for Linux on AMD64 and Intel EM64T systems (x86-64) DVD
• IBM InfoSphere Warehouse Client for Linux on 32-bit AMD and Intel systems (x86) DVD
• IBM WebSphere Application Server Toolkit for Linux on 32-bit AMD and Intel systems (x86) CD
• IBM DB2 Performance Expert for Multiplatforms Quick Start CD
• IBM DB2 Performance Expert for Multiplatforms (Windows on 32-bit AMD and Intel systems (x86), Linux on 32-bit AMD and Intel systems (x86), Linux on AMD64 and Intel EM64T systems (x64)) CD
• IBM DB2 Performance Expert for Multiplatforms (Linux on System z™, Linux on POWER™ (System i™ and System p™) systems, AIX, HP-UX on HP Integrity Itanium-based systems, Solaris on UltraSPARC systems) CD

**IBM InfoSphere Warehouse Base Edition V9.5.1**

• IBM InfoSphere Warehouse Quick Start CD
• IBM InfoSphere Warehouse Base Edition — Activation CD
• IBM InfoSphere Warehouse Server for Linux on AMD64 and Intel EM64T systems (x86-64) DVD
• IBM InfoSphere Warehouse Server for AIX DVD
• IBM InfoSphere Warehouse Server for HP-UX on HP Integrity Itanium-based systems DVD
IBM United States Announcement 208-113

• IBM InfoSphere Warehouse Server for Solaris on UltraSPARC systems DVD
• IBM InfoSphere Warehouse Server for Windows on 32-bit AMD and Intel systems (x86) DVD
• IBM InfoSphere Warehouse Server for Windows on AMD64 and Intel EM64T systems (x64) DVD
• IBM InfoSphere Warehouse Client for Linux on 32-bit AMD and Intel systems (x86) DVD
• IBM InfoSphere Warehouse Client for Windows on 32-bit AMD and Intel systems (x86) DVD
• IBM WebSphere Application Server Toolkit for Linux on 32-bit AMD and Intel systems (x86) CD
• IBM WebSphere Application Server Toolkit for Windows on 32-bit AMD and Intel systems (x86) CD
• IBM Tivoli System Automation Multiplatforms for Windows on 32-bit AMD and Intel systems (x86) CD
• IBM DB2 Enterprise Server Edition for Linux on POWER (System i and System p) systems DVD
• IBM DB2 Enterprise Server Edition for Linux on System z DVD
• IBM Cognos 8 BI Starter Edition DVD

IBM InfoSphere Warehouse Enterprise Edition V9.5.1

• IBM InfoSphere Warehouse Quick Start CD
• IBM InfoSphere Warehouse Enterprise Edition — Activation CD
• IBM InfoSphere Warehouse Server for Linux on AMD64 and Intel EM64T systems (x86-64) DVD
• IBM InfoSphere Warehouse Server for AIX DVD
• IBM InfoSphere Warehouse Server for HP-UX on HP Integrity Itanium-based systems DVD
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IBM InfoSphere Warehouse with Optim Data Retention V9.5.1

• Overriding hardcopy license
• InfoSphere Warehouse Quick Start CD
• DB2 Warehouse Enterprise Edition V9.5.1 (refer to the information above)
• Optim Data Growth Solution V6.5
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  - IBM Optim Data Growth Solution V6.5 for Linux CD

Security, auditability, and control
The IBM products listed in this announcement use the security and auditability features of the host software.
The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

Software Services

IBM Software Services has the breadth, depth, and reach to manage your services needs. You can leverage the deep technical skills of our lab-based, software services team and the business consulting, project management, and infrastructure expertise of our IBM Global Services team. Also, we extend our IBM Software Services reach through IBM Business Partners to provide an unmatched portfolio of capabilities. Together, we provide the global reach, intellectual capital, industry insight, and technology leadership to help support any critical business need.
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To locate an IBM Business Partner, visit

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### Ordering information

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

#### Product information

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Charge metrics definitions

Value Unit

A Value Unit is a pricing charge metric for program license entitlements which is based upon the quantity of a specific designated measurement used for a given program. Each program has a designated measurement. The most commonly used designated measurement is a processor core. However, for select Programs, there are other designated measurements such as users or resources which may include servers, client devices, and messages. The number of Value Unit entitlements required for a program depends on how the program is deployed in your environment and must be obtained from a Value Unit table. You must obtain a PoE for the calculated number of Value Unit entitlements for your implementation. The Value Unit entitlements are specific to a program and may not be exchanged, interchanged, or aggregated with Value Unit entitlements of another program.

Processor (Value Unit)

A processor core is a functional unit within a computing device that interprets and executes instructions. A processor core consists of at least an instruction control unit and one or more arithmetic or logic unit. With multicore technology, each core is considered a processor. Not all processor cores require the same number of Processor Value Unit entitlements. To calculate the number of Processor Value Unit entitlements required, refer to the Processor Value Unit table on the following Web site


With full capacity licensing, a PoE must be acquired for the appropriate number of Processor Value Units based on all activated processor cores available for use on the server.

Sub-capacity processor (Value Unit)

For programs eligible for sub-capacity licensing, a PoE must be acquired for the appropriate number of Processor Value Units based on all activated processor cores available for use in each partition (utilizing eligible partitioning technologies) where the program runs. Refer to the International Passport Advantage Agreement Attachment for sub-capacity terms or the program's license information to determine applicable sub-capacity terms.

Authorized user

An authorized user is one and only one individual (named or unnamed) within or outside your enterprise. A PoE must be obtained for each individual user accessing the program in any manner. A program licensed under an authorized user PoE may be installed on a single computer or server, and accessed by multiple users, provided that a PoE has been obtained for each individual user accessing the program either directly or indirectly (via a multiplexing program, device, or application server) through any means on behalf of the user.

Passport Advantage program licenses

IBM InfoSphere Warehouse

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### 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.

#### IBM InfoSphere Warehouse Intermediate Edition V9.5.1

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<th>Entitled maintenance offerings description</th>
<th>Media packs description</th>
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IBM United States Announcement 208-113
Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Italian
Windows, AIX, Linux, Solaris, HP-UX, DVD — ISO 9660 Standard

**IBM InfoSphere Warehouse Enterprise Edition V9.5.1**


**IBM InfoSphere Warehouse Enterprise Edition, SubCapacity Value Unit**

**IBM InfoSphere Warehouse Starter Edition V9.5.1**

**IBM InfoSphere Warehouse Starter Edition, Authorized User**


**IBM Enterprise Warehouse Feature for DB2 V9.5.1**

IBM United States Announcement 208-113
IBM United States Announcement 208-113

Unit (PVU)

English, French,
Korean, Chinese —
Simplified, Spanish,
Portuguese-Brazilian,
German, Japanese,
Chinese-Traditional,
Italian) Windows,
AIX, Linux, Solaris,
HP-UX, DVD — ISO 9660
Standard

IBM InfoSphere Warehouse Developer Edition V9.5.1

IBM InfoSphere
Warehouse Dev oper
Edition Authorized
User

IBM InfoSphere
Warehouse Dev oper
Edition, (Multilingual
English, French,
Korean, Chinese —
Simplified, Spanish,
Portuguese-Brazilian,
German, Japanese,
Chinese-Traditional,
Italian) Windows,
AIX, Linux, Solaris,
HP-UX, DVD — ISO 9660
Standard

IBM Base Warehouse Feature for DB2 V9.5.1

IBM Base Warehouse
Feature for DB2,
Processor Value Unit
(PVU)

IBM Base Warehouse
Feature for DB2, (Multilingual
English, French,
Korean, Chinese —
Simplified, Spanish,
Portuguese-Brazilian,
German, Japanese,
Chinese-Traditional,
Italian) Windows,
AIX, Linux, Solaris,
HP-UX, DVD — ISO 9660
Standard

IBM InfoSphere Warehouse Base Edition V9.5.1

IBM InfoSphere
Warehouse Base
Edition Processor
Value Unit (PVU)

IBM InfoSphere
Warehouse Base
Edition, (Multilingual
English, French,
Korean, Chinese —
Simplified, Spanish,
Portuguese-Brazilian,
German, Japanese,
Chinese-Traditional,
Italian) Windows,
AIX, Linux, Solaris,
HP-UX, DVD — ISO 9660
Standard

IBM InfoSphere Warehouse Advanced Edition V9.5.1

IBM InfoSphere
Warehouse Advanced
Edition Processor
Value Unit (PVU)

IBM InfoSphere
Warehouse Advanced
Edition, (Multilingual
English, French,
Korean, Chinese —
Simplified, Spanish,
Portuguese-Brazilian,
German, Japanese,
Chinese-Traditional,
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IBM InfoSphere Warehouse with Optim Data Retention V9.5.1

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Withdrawal of previous Passport Advantage part numbers:

Effective June 6, 2008, IBM will withdraw from marketing the following products licensed under the IBM International Program License Agreement. A replacement product and availability date is listed if one is available.
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**Sub-capacity**

**IBM InfoSphere Warehouse Enterprise Edition**

<table>
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<th>Part number</th>
<th>Part description</th>
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<td>E02GWLL</td>
<td>IBM InfoSphere Warehouse Enterprise Edition Subcapacity Processor Value Unit (PVU) Annual SW Subscription and Support Renewal 12 Mntths</td>
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<td>D57UFLL</td>
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<td>D57UGLL</td>
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**IBM Enterprise Warehouse Feature for DB2**

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<tr>
<td>D61VQLL</td>
<td>Enterprise Warehouse Feature for DB2 Subcapacity Processor Value Unit (PVU) License + SW Subscription and Support 12 Mnts</td>
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<tr>
<td>D61VRLL</td>
<td>IBM InfoSphere Warehouse Enterprise Edition Subcapacity Processor Value Unit (PVU) SW Subscription and Support Reinstatement 12 Mnts</td>
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**IBM InfoSphere Warehouse with Optim Data Retention**

<table>
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<tr>
<td>E04N BLL</td>
<td>InfoSphere Warehouse with Optim Data Retention Subcapacity Processor Value Unit Annual (PVU) SW Subscription and Support Renewal 12 Mntths</td>
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<tr>
<td>D03R8LL</td>
<td>InfoSphere Warehouse with Optim data Retention Subcapacity Processor Value Unit (PVU) License + SW Subscription and Support 12 Mntths</td>
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<td>InfoSphere Warehouse with Optim Data Retention Subcapacity Processor Value Unit (PVU) SW Subscription and Support Reinstatement 12 Mnts</td>
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</table>

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Publications

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<th>Form</th>
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<tr>
<td>Planning, Installation, and Configuration</td>
<td>SC32-1431</td>
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<tr>
<td>Administration</td>
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<td>Problem Determination</td>
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<td>Release Notes</td>
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For IBM Tivoli License Manager configuration guidance and instructions for specific products (including this product) acquired with sub capacity terms, refer to

http://www.lotus.com/sub-capacity

The Web site will give you information about how to set up the product for detection by IBM Tivoli License Manager, any required maintenance, and any required steps that are unique to this product.

On/Off Capacity on Demand (CoD)

IBM InfoSphere Warehouse Enterprise Edition

<table>
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<th>Part description</th>
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<td>IBM InfoSphere Warehouse Enterprise Edition Processor Day Per Use-DAY, OOCoD Temp Use Charge</td>
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IBM Non-InfoSphere Warehouse Connector

| Non-InfoSphere Warehouse Connector Processor Day Per Use-DAY, OOCoD Temp Use Charge | D54XCLLL   |

IBM United States Announcement 208-113
IBM Enterprise Warehouse Feature for DB2

Enterprise Warehouse Feature for
DB2 Processor Day Per Use - DAY,
OOCoD Temp Use Charge

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License Information form numbers

<table>
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<tr>
<th>Program name</th>
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**Product name**

<table>
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<tbody>
<tr>
<td>IBM InfoSphere Warehouse with Optim Data Retention</td>
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</table>

**Usage restriction:** Yes. For a complete copy of the enclosed license with all of the detail information regarding usage restrictions of the InfoSphere Warehouse products refer to the License Information Document that is available on the IBM Software License Agreement Web site:


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