



IBM InfoSphere Data Replication V10.1 delivers real-time data replication for continuous availability, information integration, and more for distributed platforms

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At a glance

IBM® InfoSphere® Data Replication V10.1 packages IBM's world-class data replication products for distributed platforms into a single offering, giving clients considerable flexibility in their choice of data replication technologies and solutions.

IBM InfoSphere Data Replication V10.1 packages the following products:

- IBM InfoSphere Change Data Capture V6.2 (for support of i5OS only)
- IBM InfoSphere Change Data Capture V6.5
- IBM InfoSphere Replication Server V9.7
- IBM InfoSphere Data Event Publisher V9.7

For ordering, contact your IBM representative, an IBM Business Partner, or IBM Americas Call Centers at 800-IBM-CALL (Reference: LE001).

Overview

IBM InfoSphere Data Replication V10.1 provides a single offering for a wide variety of data replication solutions, ranging from continuous availability, active/active databases, and live reporting to database migration.

Key features include:

- Full access to the IBM data replication technologies on distributed platforms known as Change Data Capture (CDC), Q Replication, SQL Replication, and Data Event Publishing
- Scalable, high-volume, and low-latency replication with transactional integrity for a wide variety of heterogeneous source and target databases
- Log-based change data capture
- Replication between DB2® for z/OS® and distributed databases such as DB2 for Linux™, UNIX™, Microsoft™ Windows™, InfoSphere Warehouse, the IBM Smart Analytics Systems, Oracle, Microsoft SQL Server, when combined with IBM InfoSphere Data Replication for DB2 for z/OS, V10.1
- Replication between Information Management System (IMS™) for z/OS and distributed databases such as DB2 for Linux, UNIX, Microsoft Windows, InfoSphere Warehouse, the IBM Smart Analytics Systems, Oracle, Microsoft SQL

Server, when combined with IBM InfoSphere Classic Change Data Capture for z/OS, V10.1

- Ability to be easily combined with the Q Replication and SQL Replication included with DB2 for Linux, UNIX, Microsoft Windows, and InfoSphere Warehouse
- Easy feeding of changed data to extract, transform, and load (ETL) tools such as InfoSphere DataStage® and InfoSphere QualityStage™
- One-way and two-way data distribution solutions between a central master site and many remote locations
- Robust conflict detection and resolution to support data changes made to multiple databases
- Built-in compare and repair utilities for determining data differences between sources and targets
- Consolidation of data from many sources into a single target
- Live audit/consistent change data (CCD) tables for a comprehensive audit trail of source changes
- Transformation of changed data while replicating
- Historical data for tuning and service level agreement compliance
- Graphical user interfaces and a full-featured command-line processor
- Web-based health and performance monitoring

Key prerequisites

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

Planned availability date

August 19, 2011: Electronic availability

August 26, 2011: Media availability

Description

IBM InfoSphere Data Replication V10.1 packages IBM's world-class data replication products for distributed platforms (InfoSphere Change Data Capture and InfoSphere Replication Server) into a single offering, giving you considerable flexibility in choice of data replication technologies and solutions.

For information about recent enhancements to IBM InfoSphere Change Data Capture V6.5, refer to Software Announcement [210-270](#), dated September 14, 2010.

For information about recent enhancements to IBM InfoSphere Replication Server V9.7 and IBM InfoSphere Data Event Publisher V9.7, refer to Software Announcement [209-233](#), dated July 21, 2009.

Section 508 of the US Rehabilitation Act

InfoSphere Data Replication is capable as of August 26, 2011, 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 at

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

Product positioning

InfoSphere Data Replication V10.1 is integrated into the IBM Information Management software portfolio. This product is intended for:

- Customers who need accurate and frequent sales and customer reports to make better operational decisions regarding pricing, merchandising, and inventory management. This is enabled through consolidation of key business data from diverse operational systems into a centralized data warehouse in near real time.
- Companies that require more business agility through real-time change data capture.
- Enterprises that require more business visibility through granular data changes in real-time business intelligence.
- Organizations that require the ability to increase responsiveness to business events and capitalize on upcoming business opportunities through event detection.
- Retailers who want to sell in stores, over the web, and by phone, and who need consistent up-to-date information accessible to all three channels. For example, ensuring that wedding registry purchases do not get duplicated and that customers can inquire over the phone or on the web about product availability and the status of orders completed through other channels.
- Public companies that require consolidated financial reporting across a range of transactional systems in different regions, departments, or business units.
- Companies that need to migrate data from an incompatible ERP application of an acquired company into their own ERP application (or between incompatible versions of an ERP application).
- Shipping companies that enable customers to access real-time shipment information on their websites while significantly reducing the impact on their mission-critical logistics systems they use to help ensure efficient, continuous operations.
- Government agencies that provide public access to up-to-date information on criminal proceedings on the Internet, but cannot risk letting users directly access sensitive information on offenders.
- Financial Services companies that need to flow data from legacy financial systems on mainframes into systems on open platforms to support Internet-based communications, statement processing, and other applications more efficiently with minimal impact on key legacy systems.
- Health insurers that need to off-load queries, reports, and backups to avoid impacting performance and user response times on their claims processing systems that are essential for operations.

Reference information

Refer to Software Announcement [209-233](#), dated July 21, 2009

Refer to Software Announcement [210-270](#), dated September 14, 2010

Program number

Program number	VRM	Program name
5725-E30	10.1.0	InfoSphere Data Replication

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

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.

Technical information

Specified operating environment

Hardware requirements

The hardware requirements depend on the technology used:

- Hardware requirements for the CDC technology can be found in the System requirements section of the IBM InfoSphere Change Data Capture pages on [ibm.com](http://www.ibm.com)® at <http://www.ibm.com/software/data/infosphere/change-data-capture/requirements.html>
- Hardware requirements for the Q Replication and SQL Replication technologies can be found in the System requirements section of the IBM InfoSphere Replication Server pages on [ibm.com](http://www.ibm.com) at <http://www.ibm.com/software/data/infosphere/replication-server/requirements.html>

Software requirements

The software requirements depend on the technology used:

- Software requirements for the CDC technology can be found in the System requirements section of the IBM InfoSphere Change Data Capture pages on [ibm.com](http://www.ibm.com) at <http://www.ibm.com/software/data/infosphere/change-data-capture/requirements.html>
- Software requirements for the Q Replication and SQL Replication technologies can be found in the System requirements section of the IBM InfoSphere Replication Server pages on [ibm.com](http://www.ibm.com) at <http://www.ibm.com/software/data/infosphere/replication-server/requirements.html>

For Q Replication, WebSphere® MQ V6.0, or later, is required. A restricted-use license of WebSphere MQ V7.0 is included at no additional charge.

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.

Security, auditability, and control

These products use 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.

Software Services

Services from IBM InfoSphere Professional Services complement the IBM Information Server platform. You can leverage the extensive technical skills and proven methodologies based on years of accumulated knowledge and experience, gained through hundreds of successful implementations. The IBM InfoSphere Professional Services team offers a wide range of services-related packages that are designed to help you achieve success in the design, implementation, and rollout of your information integration projects.

To learn more about IBM InfoSphere Professional Services or contact a services representative, visit

<http://www.ibm.com/software/data/ips/services/professional.html>

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To locate an IBM Business Partner, visit

<http://www-304.ibm.com/partnerworld/gsd/homepage.do>

Ordering information

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For more information about IBM Software ValueNet, visit

http://www-01.ibm.com/software/lotus/passportadvantage/IBM_SW_ValueNet.html

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Product information

Licensed function title	Product group	Product category
InfoSphere Data Replication	IBM Information Integration	IBM Information Integration
InfoSphere Data Replication for	IBM	IBM

Non-Production Environments	Information Integration	Information Integration
Program name	PID number	Charge unit description
InfoSphere Data Replication	5725-E30	Per Processor Value Unit for Linux on System Z
InfoSphere Data Replication	5725-E30	Per Processor Value Unit (PVU)
InfoSphere Data Replication for Non-Production Environments	5725-E30	Per Processor value Unit for Linux on System Z
InfoSphere Data Replication for Non-Production Environments	5725-E30	Per Processor Value Unit (PVU)

Charge metrics definitions

Processor Value Unit (PVU)

Processor Value Unit (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 following website and the number of processors made available to the program.

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

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 (see webpage below). If using Full Capacity licensing, Licensee must obtain PVU entitlements sufficient to cover all activated processor cores¹ 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

¹ 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.

- Express® and Workgroup programs may be licensed with maximum use terms. In that case, the following applies: The maximum authorized use terms and conditions for PVU licensed IBM Express and Middleware Programs can be found in the IBM Express and Middleware Licensing Guide.

Passport Advantage program licenses

InfoSphere Data Replication

Part description	Part number
InfoSphere Data Replication for Non-Production Environments	
InfoSphere Data Replication Non-Prod Per PVU Annual SW S&S R	E0CPNLL
InfoSphere Data Replication Non-Prod Per PVU Lic + SW S&S 12	D0L2NLL
InfoSphere Data Replication Non-Prod Per PVU SW S&S Reinstat	D0L2PLL

InfoSphere Data Replication

Part description	Part number
InfoSphere Data Replication	
InfoSphere Data Replication Per Processor Value Unit (PVU) Annual SW S&S R	E0CPULL
InfoSphere Data Replication Per Processor Value Unit (PVU) Lic + SW S&S 12	D0L34LL
InfoSphere Data Replication Per Processor Value Unit (PVU) SW S&S Reinstat	D0L35LL

Passport Advantage trade-up licenses

InfoSphere Data Replication

Precursor product	Trade-up product	Trade-up part number
InfoSphere Data Replication		
IBM InfoSphere Change Data Capture	IS Data Replication PVU from IS Change Data Capture PVU Trade Up Lic+SW	D0L38LL
IBM InfoSphere Data Event Publisher	IS Data Replication PVU from IS Data Event Pub PVU Trade Up Lic + SW S&S 12	D0L37LL
IBM InfoSphere Replication Server	IS Data Replication PVU from IS Replication Svr PVU Trade Up Lic +	D0L36LL

InfoSphere Data Replication

Precursor product	Trade-up product	Trade-up part number
InfoSphere Data Replication for Non-Production Environments		
IBM InfoSphere Change Data Capture	IS Data Rep Non-Prod PVU frm IS CDC Non-Prod PVU Trade Up Lic +	D0L2SLL
IBM InfoSphere Replication	IS Data Rep Non-Prod PVU	D0L2QLL

Server Developer Edition	frm IS Rep Svr Dev Ed AU Trade Up Lic +	
IBM InfoSphere Data Event Publisher Developer Edition	IS Data Rep Non-Prod PVU from IS Data Evnt Pub Dev Ed AUTrade Up Lic +	D0L2RLL

Passport Advantage supply

Program name/description	Part number
IS Data Replication NP V10.1.0 InfoSphere Data Replication 10.1 Multiplatform Multilingual	BB18FML

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.

InfoSphere Data Replication for Non-Production V10.1.0

Entitled maintenance offerings description	Media packs description	Part number
InfoSphere Data Replication for Non-Production Linux on System z® Processor Value Unit	InfoSphere Data Replication 10.1 Multiplatform Multilingual	BB18FML
InfoSphere Data Replication for Non-Production Processor Value Unit	InfoSphere Data Replication 10.1 Multiplatform Multilingual	BB18FML

Cross-platform products

Cross-platform products for use on System z

Order the part numbers that follow when the product is used for either the development of code that will be deployed on System z servers or when the product will be communicating or transferring data between a distributed server and a System z server. Otherwise, order from the other set of part numbers in this announcement. This set of part numbers provides the identical supply and authorization as the other set in this announcement

Cross-platform product for use on System z IFL engines

Order the part numbers that follow when the product is intended to run on the Linux operating system on System z IFL engines. If the product is not intended to run on the Linux operating system on System z IFL engines, order from the other set of part numbers in this announcement. This set of part numbers provides the identical supply and authorization as the other set in this announcement.

InfoSphere Data Replication

Part description	Part number
InfoSphere Data Replication InfoSphere Data Replication Per Proc VU for Lin Sys z Annual SW S&S Rnw1	E0CPPLL
InfoSphere Data Replication Per Proc VU for Lin Sys z Lic + SW S&S 12 Mo	D0L2TLL
InfoSphere Data Replication Per Proc VU for Lin Sys z SW S&S Reinstate 12	D0L2ULL

InfoSphere Data Replication

Part description	Part number
InfoSphere Data Replication for Non-Production Environments	
IS Data Replication Non-Prod Per Proc VU for Lin Sys z Annual SW S&S Rnw1	E0CPMLL
IS Data Replication Non-Prod Per Proc VU for Lin Sys z Lic + SW S&S 12 Mo	D0L2ILL
IS Data Replication Non-Prod Per Proc VU for Lin Sys z SW S&S Reinstate 12	D0L2JLL

Trade-up licenses for cross-platform products

InfoSphere Data Replication

Precursor product	Trade-up product	Part number
InfoSphere Data Replication for Non-Production Environments		
IBM InfoSphere Change Data Capture	IS Data Rep Non-Prod Lnx z PVU frm IS CDC Non-Prod Lnx z PVU Lic + SW S&	D0L2MLL
IBM InfoSphere Data Event Publisher Developer Edition	IS Data Rep Non-Prod Lnx z PVU frm IS Data Evnt Pub DE Lnx z AU Lic + SW S&	D0L2LLL
IBM InfoSphere Replication Server Developer Edition	IS Data Rep Non-Prod Lnx z PVU frm IS Rep Svr Dev Ed AU Lnx z Lic + SW S&	D0L2KLL

InfoSphere Data Replication

Precursor product	Trade-up product	Part number
InfoSphere Data Replication		
IBM InfoSphere Change Data Capture	IS Data Rep PVU Lnx z frm IS CDC PVU Lnx z Trade Up Lic + SW S&S 12 Mo	D0L2XLL
IBM InfoSphere Data Event Publisher Developer Edition	IS Data Rep PVU Lnx z frm IS Data Evnt Pub PVU Lnx z Trade Up Lic + SW S&	D0L2WLL
IBM InfoSphere Replication Server Developer Edition	IS Data Rep PVU Lnx z frm IS Rep Svr PVU Lnx z Trade Up Lic + SW S&	D0L2VLL

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Part number products only, offered outside of Passport Advantage, where applicable, are license only and do not include Software Maintenance.

License Information form number

Program name	Program number	Form number
Infosphere Data Replication	5725-E30	L-GMET-8GTK9E

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

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.

Volume orders (IVO)

No

Passport Advantage applies

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IBM Operational Support Services -- SoftwareXcel

No

System i Software Maintenance applies

No

Educational allowance available

Not applicable.

Prices

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Markham, Ontario
Canada
L3R 2Z1

Reference: LE001

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