



IBM InfoSphere Data Replication V10.1.3 and InfoSphere Federation Server V10.1 deliver enhanced data integration solutions

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At a glance

InfoSphere® Data Replication V10.1.3 and InfoSphere Federation Server V10.1 offer a foundation for world-class heterogeneous data integration solutions to help you address your data integration needs.

- InfoSphere Data Replication V10.1.3 enables high-volume, low-latency movement of changed data for solutions that range from warehousing and business intelligence to high availability and active-active databases.
- InfoSphere Federation Server V10.1 offers data virtualization through a robust SQL interface and a full relational database engine designed for global optimization of data access. It helps you quickly prototype and implement solutions involving disparate databases.

When used together, InfoSphere Data Replication and InfoSphere Federation Server offer the flexibility of copying data that needs to be closer to end users while virtualizing access so that other data can remain in place.

For ordering, contact your IBM® representative or an IBM Business Partner. For more information contact the Americas Call Centers at 800-IBM-CALL (426-2255)
Reference:

IBM InfoSphere Data Replication
IBM InfoSphere Federation Server

YE001
YE001

Overview

InfoSphere Data Replication V10.1.3 delivers log capture support for Version 10 of InfoSphere Warehouse as well as DB2® for Linux™, UNIX™, and Windows™ in IBM data replication technologies. It also provides enhancements to Q Replication for use in DB2 and InfoSphere Warehouse business continuity solutions such as active-active databases, active-active warehousing, and time-delayed standbys for the management of source data corruption due to application errors.

These Q Replication enhancements are also available through Q Replication, shipped with InfoSphere Warehouse and DB2 for Linux, UNIX, and Windows.

InfoSphere Federation Server V10.1 delivers support for Version 10 of InfoSphere Warehouse and DB2 for Linux, UNIX, and Windows as well as improved support for data virtualization. Potential data virtualization enhancements can range from improved performance to increased usability and reduced cost of ownership.

Some of these potential improvements are also available in the Federation Server function found in Version 10.1 of InfoSphere Warehouse and DB2 for Linux, UNIX, and Windows.

Key prerequisites

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

Planned availability date

May 18, 2012: Electronic availability

June 11, 2012: Media availability

Description

InfoSphere Data Replication V10.1.3

Enhancements to Q Replication technology for business continuity include:

- Automatic replication of the following DB2 data definition language (DDL):
 - Create and drop table:
 - Supports both bidirectional and unidirectional configurations
 - Automatically creates a replication subscription for the new table, with optional customization to match specific configuration requirements
 - Replicates complete table creation with indexes, triggers, and more (added prior to first table usage)
 - Includes initial load of the new table at the target, if required
 - Alter add column
 - Alter data type
- Bypass replication of child rows in the case of cascade delete to help reduce conflicts, and thereby improve performance

Enhancements to Q Replication Dashboard include:

- New alerts for:
 - Subscriptions that become inactive
 - Queues that are deactivated
 - Capture latency that exceeds a user-defined threshold
- Operations that can be performed on schema-level subscriptions
- Individual table subscriptions that are grouped by schema-level subscription
- Improved usability, based on user feedback

Additional Q Replication enhancements include:

- A stand-alone Replication Center, separated from the deprecated DB2 Control Center
- New command line processor (CLP) commands for creating schema-level subscriptions

The Q Replication Dashboard has a web-based user interface for performance and health monitoring of Q Replication, including a mobile dashboard designed for the default browsers in touch-screen devices running Apple iOS 4.x, or later, and Google Android 2.2, or later.

InfoSphere Federation Server V10.1

Enhancements to InfoSphere Federation Server for use with DB2 and InfoSphere Warehouse include:

- Ability to extend DB2 PureScale to be a federated database server. This lets data sharing members process federated SQL.
- Ability to create nicknames using temporal tables.
- Support for DB2 Fine Grained Access Control, helping you take advantage of DB2 Fine Grained Access Control when using the DB2 Distributed Relational Database Architecture™ (DRDA®) wrapper.

Enhancements to InfoSphere Federation Server in support of data virtualization include:

- Improved performance for Netezza® data sources:
 - More SQL can be pushed down to Netezza for direct processing by Netezza. This means less data needs to be returned to InfoSphere Federation Server from Netezza, and more functions can be performed directly by Netezza instead of InfoSphere Federation Server.
 - Bulk insert performance has increased up to 10x.
- New three-part name syntax compatibility with Oracle dblink:
 - Three-part names increase the ease of running Oracle applications under InfoSphere Federation Server when InfoSphere Federation Server Oracle SQL compatibility is used.
 - InfoSphere Federation Server setup and maintenance is reduced because nicknames do not need to be created when three-part name syntax is used.
- Support for IBM BigInsights:
 - DB2 user-defined functions (UDFs) can be installed in InfoSphere Federation Server databases for accessing large data through federated SQL.
 - InfoSphere Federation Server databases can be accessed through the DB2 Java™ Database Connectivity (JDBC) interface found in BigInsights Jacl.
- Easier integration of data source clients:
 - A new utility that greatly simplifies the process of configuring InfoSphere Federation Server for use with data source clients
- Improved performance for writing Large Objects (LOBs) to Teradata

Section 508 of the US Rehabilitation Act

IBM InfoSphere Federation Server will be capable as of June 11, 2012, 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

Product positioning

InfoSphere Data Replication V10.1.3 is integrated into the IBM Information Management software portfolio. This product is intended for:

- Companies that need business continuity solutions, including disaster recovery, high availability, and active-active databases, for relational data.
- Clients 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.

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

- Companies that need real-time data integration across disparate sources, including those running on mainframes, UNIX, and Windows.
- Clients who want the ability to do fast prototyping and development of applications.
- Organizations who must address compliance requirements to access data in place without making a copy through extract, transform, and load (ETL) process; data replication; or other means.
- A solution where multiple data sources need to be accessed through a single SQL statement such as a query that joins tables from multiple databases.
- Data virtualization solutions that need the power of a full relational database engine, global optimizer, Oracle SQL compatibility, and a wide range of interfaces such as Open Database Connectivity (ODBC) and Java Database Connectivity (JDBC).
- Data virtualization solutions that require caching as well as the ability to write to federated data sources, using the same interface as used to read from a cache or data source.
- Warehousing solutions that need integrated access to both local and remote data.
- Clients with Information Warehouse and DB2 for Linux, UNIX, and Windows, who want to extend their DB2 databases by turning them into federated database servers.

Reference information

Refer to Software Announcements:

- [211-290](#), dated August 16, 2011
- [211-504](#), dated December 13, 2011
- [211-053](#), dated September 13, 2011

Availability of national languages

Product description	Language	GA date
InfoSphere Data Rep Netezza V10.1.3	Multilingual (French, Danish, Russian, Korean, Chinese - Simplified, Spanish, Norwegian Bokmal, German, Swedish, Japanese, Chinese - Traditional, English, Czech, Italian, Finnish, Polish)	June 11, 2012
InfoSphere Data Replctn DB Migratn V10.1.3	Multilingual (French, Danish, Russian, Korean, Chinese - Simplified, Spanish, Norwegian Bokmal, German, Swedish, Japanese, Chinese - Traditional, English, Czech, Italian, Finnish, Polish)	June 11, 2012
InfoSphere Data Replication NP V10.1.3	Multilingual (French, Danish, Russian, Korean, Chinese - Simplified, Spanish, Norwegian Bokmal, German, Swedish, Japanese, Chinese - Traditional,	June 11, 2012

InfoSph Federation Srvr DE v10.1.0	English, Czech, Italian, Finnish, Polish)	Multilingual	June 11, 2012
	(French, Danish, Russian, Korean, Chinese - Simplified, Spanish, Norwegian Bokmal, Portuguese-Brazilian, German, Swedish, Japanese, Chinese - Traditional, English, Czech, Italian, Finnish, Polish)		
InfoSphere Federation Server v10.1.0	English, Czech, Italian, Finnish, Polish)	Multilingual	June 11, 2012
	(French, Danish, Russian, Korean, Chinese - Simplified, Spanish, Norwegian Bokmal, Portuguese-Brazilian, German, Swedish, Japanese, Chinese - Traditional, English, Czech, Italian, Finnish, Polish)		

Program number

Program number	VRM	Program name
5725-E30	10.1.3	IBM InfoSphere Data Replication
5724-N97	10.1.0	IBM InfoSphere Federation Server

Education support

Available training offerings include client on-site training, public training at IBM facilities, and remote learning via FlexLearning. Through client on-site training, IBM delivers standard or customized training to meet the requirements of its clients. IBM can also provide mobile academies for a rental fee to minimize clients' setup activities.

IBM public training simplifies the process by providing the complete environment for standard course deliveries and giving students the ability to learn without the

distractions of everyday responsibilities. Public training is offered on a regular schedule worldwide. For more information on public instructor-led training, visit

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

The newly enhanced FlexLearning program enables clients to attend training on their own schedule at their own location. This program offers state-of-the-art technology to deliver highly valuable training at minimum cost. All current courses are approximately three hours in length and offer a valuable learn-by-doing, self-paced format.

For more information on any of the training offerings, contact

iiseduc@us.ibm.com

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

Publications provided with the product

A printed Quick Start Guide is provided in the product package. The Quick Start Guide is also available from the product's Support page on [ibm.com](http://www.ibm.com)® (using the Product documentation link).

Information Center for InfoSphere Data Replication

Documentation for IBM InfoSphere Data Replication is also available in the DB2 Information Center.

<http://publib.boulder.ibm.com/infocenter/iidr/v10r1m2/index.jsp>

and the DB2 Information Center at

<http://publib.boulder.ibm.com/infocenter/db2luw/v9r7/index.jsp>

Portions of the Information Center are translated into one or more of the following languages: Brazilian Portuguese, Czech, Finnish, French, German, Italian, Japanese, Korean, Norwegian, Polish, Russian, Simplified Chinese, Spanish, and Traditional Chinese.

The IBM Publications Center

Publications for IBM Information Server products are provided on a CD in the product package. Publications can also be obtained from the IBM Publications Center at

<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. Printed publications can be ordered from the IBM Publications Center; 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 those with order numbers that begin with SC or GC can be downloaded by all countries free of charge. Books with order numbers

that begin with LC can be purchased by customers with an active product license for the related product.

The following table provides information about InfoSphere Data Replication publications:

InfoSphere Data Replication publication title	Order number
Replication and Event Publishing Guide and Reference	SC19-3637
SQL Replication Guide and Reference	SC19-3638
ASNCLP Program Reference for Replication and Event Publishing	SC19-3639
Migrating to Replication and Event Publishing Version 10	SC19-3679
Replication Installation and Customization Guide for z/OS	SC19-1025
Tuning for Replication and Event Publishing Performance	SC19-1031
Tuning for SQL Replication Performance	SC19-1032
Installation Guide for Replication and Event Publishing on Linux, UNIX, and Windows	GC19-2733

The following table provides information about InfoSphere Federation Server publications:

InfoSphere Federation Server publication title	Order number
Installation Guide for Federation	GC19-3692
Upgrading to Federation Version 10.1	SC19-3693
Administration Guide for Federated Systems	SC19-3694
Application Development Guide for Federated Systems	SC19-3695
Wrapper Development Guide for Federated Systems	SC19-3696
Java API Reference for Developing Wrappers	SC19-3697
C++ API Reference for Developing Wrappers	SC19-3698
Configuration Guide for Federated Data Sources	SC19-3699

Technical information

Specified operating environment

Hardware requirements

The hardware requirements depend on the technology used:

- Hardware requirements for the CDC, Q Replication, and SQL Replication technologies can be found in the System requirements section of the IBM InfoSphere Data Replication pages on ibm.com at <http://www-01.ibm.com/software/data/infosphere/data-replication/requirements.html>
- Hardware requirements for the Federation Server technologies can be found in the System requirements section of the IBM InfoSphere Federation Server pages on ibm.com at <http://www-01.ibm.com/software/data/infosphere/federation-server/requirements.html>

Software requirements

The software requirements depend on the technology used:

- Software requirements for the CDC, Q Replication and SQL Replication technologies can be found in the System requirements section of the IBM InfoSphere Data Replication pages on [ibm.com](http://www-01.ibm.com/software/data/infosphere/data-replication/requirements.html) at
<http://www-01.ibm.com/software/data/infosphere/data-replication/requirements.html>
- Software requirements for the Federation Server technologies can be found in the System requirements section of the IBM InfoSphere Federation Server pages on [ibm.com](http://www-01.ibm.com/software/data/infosphere/federation-server/requirements.html) at
<http://www-01.ibm.com/software/data/infosphere/federation-server/requirements.html>

For Q Replication, WebSphere® MQ V6.0, or later, is required. A restricted-use license of WebSphere MQ V7.1 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.

Planning information

Packaging

Includes DVDs for the supported platforms.

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.

Ordering information

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

<http://www.ibm.com/partnerworld/softwarevalueplus>

To locate IBM Business Partners for Software Value Plus in your geography for a specific Software Value Plus portfolio, contact your IBM representative.

Product information

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

IBM InfoSphere Data Replication for Netezza	IBM Information Integration	IBM Information Integration
IBM InfoSphere Federation Server	IBM Information Integration	IBM Information Integration
IBM InfoSphere Federation Server Developer Edition	IBM Information Integration	IBM Information Integration
InfoSphere Data Replication	IBM Information Integration	IBM Information Integration
InfoSphere Data Replication for Non-Production Environments	IBM Information Integration	IBM Information Integration

Program name	PID number	Charge unit description
IBM InfoSphere Data Replication for Migration	5725-E30	FTL per Install for Linux on System z
IBM InfoSphere Data Replication for Migration	5725-E30	FTL per Install
IBM InfoSphere Data Replication for Netezza	5725-E30	Per Managed Server
IBM InfoSphere Data Replication for Netezza	5725-E30	Per Managed Server for Linux on System z
IBM InfoSphere Federation Server	5724-N97	Per Processor Value Unit (PVU)
IBM InfoSphere Federation Server	5724-N97	Per Processor Value Unit for Linux on System z
IBM InfoSphere Federation Server Developer Edition	5724-N97	Per Authorized User for Linux on System z
IBM InfoSphere Federation Server Developer Edition	5724-N97	Per Authorized User
InfoSphere Data Replication	5725-E30	Per Processor Value Unit (PVU)
InfoSphere Data Replication	5725-E30	Per Processor value Unit for Linux on System z
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

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 accessing 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.

Managed Server

Managed Server is a unit of measure by which the program can be licensed. A server is a physical computer that is comprised of processing units, memory, and input/output capabilities and that executes requested procedures, commands, or applications for one or more users or client devices. Where racks, blade enclosures, or other similar equipment is being employed, each separable physical device (for example, a blade or a rack-mounted device) that has the required components is considered itself a separate server. Licensee must obtain Managed Server entitlements for each server managed by 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

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

It is also based on 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 web page 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.

Passport Advantage program licenses

IBM InfoSphere Data Replication

Part description	Part number
IBM InfoSphere Data Replication for Netezza InfoSphere Data Rep Netezza Per Managed Server Annual SW S&S Rnw1	E0DFLL
InfoSphere Data Rep Netezza Per Managed Server Lic + SW S&S 12 Mo	D0NMBLL
InfoSphere Data Rep Netezza Per Managed Server SW S&S Reinstate 12 Mo	D0NMCLL

IBM 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 Reinstate	D0L2PLL

IBM 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 Reinstate	D0L35LL

IBM InfoSphere Data Replication

Part description	Part number
IBM InfoSphere Data Replication for Migration	
InfoSphere Data Rep DB Migration FTL per Install Initl FT Lic+S&S 12 Mo	D0NNILL
InfoSphere Data Rep DB Migration FTL per Install Subsqr FT Lic+S&S 12 Mo	E0DG0LL

IBM InfoSphere Federation Server

Part description	Part number
IBM InfoSphere Federation Server Developer Edition	
InfoSphere Federation Server Developer Ed Auth User SW S&S Reinstate 12 Mo	D61B5LL
InfoSphere Federation Server Developer Edition Auth User Annual SW S&S Rnw1	E03Y7LL
InfoSphere Federation Server Developer Edition Auth User Lic + SW S&S 12 Mo	D61B4LL

IBM InfoSphere Federation Server

Part description	Part number
IBM InfoSphere Federation Server	
InfoSphere Federation Server Per Processor Value Unit (PVU) Annual SW S&S	E03Y8LL
InfoSphere Federation Server Per Processor Value Unit (PVU) Lic + SW S&S 1	D61B6LL
InfoSphere Federation Server Per Processor Value Unit (PVU) SW S&S Reinstate	D61B7LL

Passport Advantage trade-up licenses

IBM InfoSphere Data Replication

Precursor product	Trade-up product	Trade-up part number
InfoSphere Data Replication		
IBM Homogeneous Federation Feature for DB2 Enterprise Server Edition	InfoSphere Data Replication PVU fr Homogeneous Rep Feat DB2 PVU TU Lic+SWS&S12	D0P64LL
IBM InfoSphere Change Data Capture	InfoSphere Data Replication PVU from InfoSphere Change Data Capture PVU trade-up Lic+SW	D0L38LL
IBM InfoSphere Data Event Publisher	InfoSphere Data Replication PVU from InfoSphere Data Event Pub PVU trade-up Lic + SW S&S 12	D0L37LL
IBM InfoSphere Replication Server	InfoSphere Data Replication PVU from InfoSphere Replication Svr PVU trade-up Lic +	D0L36LL

IBM InfoSphere Data Replication

Precursor product	Trade-up product	Trade-up part number
InfoSphere Data Replication for Non-Production Environments		
IBM InfoSphere Change Data Capture	InfoSphere Data Rep Non-Prod PVU frm InfoSphere CDC Non-Prod PVU trade-up Lic +	D0L2SLL
IBM InfoSphere Replication Server Developer Edition	InfoSphere Data Rep Non-Prod PVU frm InfoSphere Rep Svr Dev Ed AU trade-up Lic +	D0L2QLL
IBM InfoSphere Data Event Publisher Developer Edition	InfoSphere Data Rep Non-Prod PVU from InfoSphere Data Evnt Pub Dev Ed AU trade-up Lic +	D0L2RLL

Passport Advantage supply

Program name/description	Part number
InfoSphere Data Rep Netezza V10.1.3	
IBM InfoSphere Data Replication for Netezza V10.1.3 MP ML Media Pack	BY062ML
InfoSphere Data Replctn DB Migratn V10.1.3	
InfoSphere Data Replication for Database Migration 10.1.3 MP ML Media Pack	BB1A5ML
InfoSphere Data Replication NP V10.1.3	
InfoSphere Data Replication 10.1.3 Multiplatform Multilingual	BB18FML
InfoSph Federation Svr DE V10.1.0	

IBM InfoSphere Federation Server Dev Ed V10.1.0 MP Multilingual Media Pack	BB1B6ML
InfoSphere Federation Server V10.1.0 IBM InfoSphere Federation Server V10.1.0 MP Multilingual Media Pack	BB1B5ML

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 Federation Server DE V10.1.0

Entitled maintenance offerings description	Media packs description	Part number
IBM InfoSphere Federation Server Developer Edition Authorized User for Linux on System z	IBM InfoSphere Federation Server Dev Ed V10.1.0 MP Multilingual Media Pack	BB1B6ML
IBM InfoSphere Federation Server Developers Edition Authorized User	IBM InfoSphere Federation Server Dev Ed V10.1.0 MP Multilingual Media Pack	BB1B6ML

InfoSphere Federation Server V10.1.0

Entitled maintenance offerings description	Media packs description	Part number
IBM InfoSphere Federation Server Processor Value Unit	IBM InfoSphere Federation Server V10.1.0 MP Multilingual Media Pack	BB1B5ML
IBM InfoSphere Federation Server Processor Value Unit (PVU) for Linux on System z	IBM InfoSphere Federation Server V10.1.0 MP Multilingual Media Pack	BB1B5ML

InfoSphere Data Replication Netezza V10.1.3

Entitled maintenance offerings description	Media packs description	Part number
InfoSphere Data Replication for Netezza Linux on System z® per Managed Server	IBM InfoSphere Data Replication for Netezza V10.1.3 MP ML Media Pack	BY062ML
InfoSphere Data Replication for Netezza per Managed Server	IBM InfoSphere Data Replication for Netezza V10.1.3 MP ML Media Pack	BY062ML

InfoSphere Data Replication Database Migration V10.1.3

Entitled maintenance offerings description	Media packs description	Part number
InfoSphere Data Replication Linux on System z Processor Value Unit	InfoSphere Data Replication for Database Migration 10.1.3 MP ML Media Pack	BB1A5ML
InfoSphere Data Replication Processor Value Unit	InfoSphere Data Replication for Database Migration 10.1.3 MP ML Media Pack	BB1A5ML
InfoSphere Data Replication for Database Migration Linux on System z per Install	InfoSphere Data Replication for Database Migration 10.1.3 MP ML Media Pack	BB1A5ML
InfoSphere Data Replication for Database Migration per Install	InfoSphere Data Replication for Database Migration 10.1.3 MP ML Media Pack	BB1A5ML
InfoSphere Data	InfoSphere Data	BB1A5ML

Replication for Non-Production Linux on System z Processor Value Unit	Replication for Database Migration 10.1.3 MP ML Media Pack	
InfoSphere Data Replication for Non-Production Processor Value Unit	InfoSphere Data Replication for Database Migration 10.1.3 MP ML Media Pack	BB1A5ML

InfoSphere Data Replication NP V10.1.3

Entitled maintenance offerings description	Media packs description	Part number
InfoSphere Data Replication Linux on System z Processor Value Unit	InfoSphere Data Replication 10.1.3 Multiplatform Multilingual	BB18FML
InfoSphere Data Replication Processor Value Unit	InfoSphere Data Replication 10.1.3 Multiplatform Multilingual	BB18FML
InfoSphere Data Replication for Non-Production Linux on System z Processor Value Unit	InfoSphere Data Replication 10.1.3 Multiplatform Multilingual	BB18FML
InfoSphere Data Replication for Non-Production Processor Value Unit	InfoSphere Data Replication 10.1.3 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

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IBM 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

IBM InfoSphere Data Replication

Part description	Part number
IBM InfoSphere Data Replication for Migration InfoSphere Data Repl DB Migration FTL per Install for Linux on	D0NNJLL

z Initl FT Lic+S&S
 InfoSphere Data Rep DB Migration FTL per Install for Linux on E0DG1LL
 z Subsq FT Lic+S&S

IBM InfoSphere Data Replication

Part description	Part number
IBM InfoSphere Data Replication for Netezza	
InfoSphere Data Rep Netezza Per Mng Ser for Lin on Sys z Annual SW S&S Rnw1	E0DFGLL
InfoSphere Data Rep Netezza Per Mng Ser for Lin on Sys z Lic + SW S&S 12 Mo	D0NMDLL
InfoSphere Data Rep Netezza Per Mng Ser for Lin on Sys z SW S&S Reinstate 12 Mo	D0NMELL

IBM InfoSphere Data Replication

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

IBM InfoSphere Federation Server

Part description	Part number
IBM InfoSphere Federation Server	
InfoSphere Federation Server Per Proc VU for Lin Sys z Annual SW S&S Rnw1	E04NXLL
InfoSphere Federation Server Per Proc VU for Lin Sys z Lic + SW S&S 12 Mo	D03SCLL
InfoSphere Federation Server Per Proc VU for Lin Sys z SW S&S Reinstate 12	D03SDLL

IBM InfoSphere Federation Server

Part description	Part number
IBM InfoSphere Federation Server Developer Edition	
InfoSphere Federation Svr Dev Ed fr Lxz Auth User Annual SW S&S Rnw1	E04NULL
InfoSphere Federation Svr Dev Ed fr Lxz Auth User Lic + SW S&S 12 Mo	D03S6LL
InfoSphere Federation Svr Dev Ed fr Lxz Auth User SW S&S Reinstate 12 Mo	D03S7LL

Trade-up licenses for cross-platform products

IBM InfoSphere Data Replication

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

Edition	DE Lnx z AU Lic + SW S&	
IBM InfoSphere Replication Server Developer Edition	InfoSphere Data Rep Non-Prod Lnx z PVU frm InfoSphere Rep Svr Dev Ed AU Lnx z Lic + SW S&	D0L2KLL

IBM InfoSphere Data Replication

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