



# IBM InfoSphere Data Replication for DB2 for z/OS, V10.2.1 offers data replication technologies for enhanced flexibility and performance

## Table of contents

<a href="#">1 Overview</a>	<a href="#">6 Publications</a>
<a href="#">2 Key prerequisites</a>	<a href="#">7 Technical information</a>
<a href="#">2 Planned availability date</a>	<a href="#">9 Ordering information</a>
<a href="#">2 Description</a>	<a href="#">12 Terms and conditions</a>
<a href="#">5 Product positioning</a>	<a href="#">16 Prices</a>
<a href="#">6 Program number</a>	<a href="#">18 Order now</a>
	<a href="#">18 Corrections</a>

## At a glance

InfoSphere® Data Replication for DB2® for z/OS®, V10.2.1 packages data replication technologies in a single offering to give you considerable flexibility in your choice of data replication technologies and solutions.

- Change Data Capture
- SQL Replication
- Q Replication

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

## Overview

InfoSphere Data Replication for DB2 for z/OS , V10.2.1 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 InfoSphere Data Replication for DB2 for z/OS technologies, including Change Data Capture, Q Replication, and SQL Replication
- Scalable, high-volume, low-latency replication of DB2 for z/OS data with transactional integrity
- Support of key DB2 for z/OS features such as Large Objects (LOBs), edit procedures, field procedures, reordered row log format, and Load from Cursor for fast load of target tables
- Replication between DB2 for z/OS subsystems
- Replication between DB2 for z/OS and distributed databases such as DB2 for Linux™ , UNIX™ , Microsoft™ Windows™ , System i® , InfoSphere Warehouse, IBM Smart Analytics Systems, Oracle, Microsoft SQL Server, Sybase, Teradata, and more, when combined with the InfoSphere Data Replication offering for Linux , UNIX , and Windows (additional entitlement required)
- Replication between DB2 for z/OS and Netezza® appliances, including IBM PureData™ System for Analytics, when combined with InfoSphere Data Replication for Netezza technology (additional entitlement required)

- Design for IBM System z® with SMP/E install, Automatic Restart Manager (ARM) registration, and Resource Access Control Facility ( RACF® ) support
- Log-based, change data capture
- Easy transmission of changed data to extract, load, and transform (ETL) tools such as InfoSphere DataStage®
- Support for a wide array of topologies, including one-way and two-way data distribution solutions between a central master site and numerous remote locations
- Robust conflict detection and resolution options to support data changes made to multiple databases through bidirectional usage
- 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 and 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
- GUIs and a full-featured, command-line processor
- Web-based health and performance monitoring
- DB2 Temporal Table support
- Instrumentation facility interface (IFI) filtering in DB2 for z/OS , V11
- DB2 for z/OS , V11 support

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## Key prerequisites

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Q Replication of InfoSphere Data Replication for DB2 for z/OS requires WebSphere® MQ for z/OS V7.0.1, or later. A restricted-use license of WebSphere MQ for z/OS V7.1 is included at no additional charge.

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

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## Planned availability date

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October 25, 2013

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## Description

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The change data capture technology of InfoSphere Data Replication for DB2 for z/OS delivers real-time data integration across the enterprise, enabling you to respond to business-relevant data changes.

Key new capabilities available in the change data capture technology of InfoSphere Data Replication for DB2 for z/OS , V10.2.1 include:

### Change Data Capture

- Performance: IFI filtering in DB2 for z/OS , V11
- IBM Integration: Support for DB2 for z/OS , V11

### Q Replication and SQL Replication

- Performance
  - Capture performance improvements
  - IFI filtering in DB2 for z/OS , V11

- IBM Integration
  - Support for DB2 for z/OS , V11
  - Temporal Table support in DB2 for z/OS
  - Support for Alter Key in unidirectional subscriptions
  - Replication of Drop Column in DB2 for z/OS , V11
- Geographically Dispersed Parallel Sysplex™ ( GDPS® ) active-active
  - Multiple Consistency Groups (MCG) enhancements
  - Disk Replication Graceful Switch

### **Upgrades-migrations-trade ups**

If you have IBM products in the following list, you can move from those products to InfoSphere Data Replication for DB2 for z/OS , V10.2.1 without having to do a physical migration of your current installs until you want to take advantage of the new replication function in InfoSphere Data Replication for DB2 for z/OS , V10.2.1

- InfoSphere Change Data Capture for z/OS , V6.5 (5655-U96)
- InfoSphere Replication Server for z/OS , V10.1 (5655-IRS)
- InfoSphere Data Event Publisher for z/OS , V10.1 (5655-DEP)

However, you are not entitled to InfoSphere Data Replication for DB2 for z/OS , V10.2.1 as part of a current subscription and support offering for any of the listed products. Instead, if you are current on subscription and support, the purchase of a trade-up part is required. The trade up requires you to relinquish your entitlements to the listed products.

If you are not current on subscription and support and want to purchase a trade-up part, you are required to pay a get-current or maintenance reinstatement fee.

If you have the IBM products in the following list, you can move from these products to InfoSphere Data Replication for DB2 for z/OS , V10.2.1, but you must migrate your current installs using the installs provided with InfoSphere Data Replication.

- WebSphere Replication Server for z/OS , V9.1 (5655-R55)
- WebSphere Data Event Publisher for z/OS , V9.1 (5655-R56)
- Information Server Change Data Capture for System z , V5.4 (5655-U76)

You are not entitled to InfoSphere Data Replication for z/OS , V10.2.1 as part of a current subscription and support offering for any of the latter listed products. Instead, if you are current on subscription and support, the purchase of a trade-up part is required.

If you are not current on subscription and support, and want to purchase a trade-up part, you are required to pay a get-current or maintenance reinstatement fee.

No InfoSphere Data Replication for z/OS trade-up part exists for InfoSphere Change Data Delivery. Therefore, if you received the Change Data Capture technology for DB2 for z/OS through Change Data Delivery and you wish to use the functionality outside of the Change Data Delivery license terms, you must purchase InfoSphere Data Replication for DB2 for z/OS as a new product.

### **Trade ups**

The price of the trade up is based upon the capacity as currently licensed. The remaining value of your subscription and support for the existing entitlements will be prorated and applied to the purchase of subscription and support for InfoSphere Data Replication for DB2 for z/OS after which the subscription and support license for the existing product will be cancelled.

Customers currently entitled to products in the following table can trade up to InfoSphere Data Replication for DB2 for z/OS as indicated in the table.

Program number	Program ID	Description	Version
5655-IRS	S016GF8	Replication Server Q Replication	10
5655-IRS	S016GF7	SQL and Q Replication for DB2	10
5655-IRS	S016GF9	SQL Replication for DB2	10
5655-DEP	S016GFL	InfoSphere Data Event Publisher	10
5655-U96	S01521H	InfoSphere Change Data Capture for z/OS	6
5655-U76	S01521H	Change Data Capture for System z	5
5655-R55	S016GF7	SQL and Q Replication for DB2	9
5655-R55	S016GF9	SQL Replication for DB2	9
5655-R55	S016GF8	WebSphere Replication Server Q Replication	9
5655-R56	S016GFL	WebSphere Data Event Publisher	9

Customers will be entitled to MSUs of InfoSphere Data Replication at a ratio of 1:1, charged at the trade-up price that corresponds to the customers' entitled product.

### **Accessibility by people with disabilities**

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A US Section 508 Voluntary Product Accessibility Template (VPAT) containing details on accessibility compliance can be requested at

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

### **Value Unit-based pricing**

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Value Unit pricing for eligible IBM System z IBM International Program License Agreement (IPLA) programs enables a lower cost of incremental growth and enterprise aggregation. Each System z IPLA product with Value Unit pricing has a single price per Value Unit and a conversion matrix, called Value Unit Exhibit, for converting from some designated measurement to Value Units. Most commonly, Millions of Service Units (MSUs) is the measurement designated by IBM to be converted to Value Units. Some other measurements are engines or messages. Since MSUs are the most common measurement, that measurement will be used for the remainder of this description.

Value Unit pricing offers price benefits for you. For each System z IPLA program with Value Unit pricing, the quantity of that program needed to satisfy applicable IBM terms and conditions is referred to as the **required license capacity**. Each of the various Value Unit Exhibits stipulate that the larger your required license capacity, the fewer Value Units per MSU you will need. Value Unit Exhibits are uniquely identified by a three digit code and referred to using the nomenclature VUExxx, where xxx is the three digit code.

Subsequent acquisitions of Value Unit priced programs offer additional price benefits. The quantity of each System z IPLA program that you have acquired is referred to as **entitled license capacity**. If you wish to grow your entitled license capacity for a System z IPLA program, the calculation to determine additional needed Value Units is based upon the number of Value Units already acquired.

For each System z IPLA program with Value Unit pricing, you should:

- Determine the required license capacity, in MSUs.
- Aggregate the MSUs across the enterprise.
- Convert the total MSUs to Value Units, using the applicable Value Unit Exhibit.
- Multiply the price per Value Unit by the total number of Value Units to determine the total cost.

To simplify conversion from the designated measurement to Value Units or vice-versa, use the Value Unit Converter Tool.

For additional information or to obtain a copy of the Value Unit Converter Tool, visit the Value Unit Converter Tool website

<http://ibm.com/zseries/swprice/vuctool>

Note that Value Units of a given product cannot be exchanged, interchanged, or aggregated with Value Units of another product.

To determine the required license capacity for the System z IPLA program you selected, refer to the [Terms and conditions](#) section.

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## Product positioning

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InfoSphere Data Replication for DB2 for z/OS is integrated into the IBM Information Management software portfolio. The intended audience for this product includes:

- Any organization that needs to provide an active-active database solution for DB2 for z/OS .
- Customers who need accurate and frequent sales and customer reports to make good 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 want more business agility through near real-time change data capture.
- Enterprises that require more business visibility through granular data changes in near real-time business intelligence.
- Organizations that want increased responsiveness to business events and the ability to 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 that is accessible to all three channels. For example, ensuring that wedding registry purchases are not 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 need to do 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 Enterprise Resource Planning (ERP) application of an acquired company into their own ERP application, or between incompatible versions of an ERP application.
- Shipping companies that want customers to be able to access near real-time shipment information on their website while significantly reducing the impact on the mission-critical logistics systems they use to help ensure efficient, continuous operations.
- Government agencies that want to 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 to key legacy systems.
- Health insurers who need to offload queries, reports, and backups to avoid impacting performance and user response times on their claims processing systems that are essential for operations.

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## Program number

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Program number	VRM	Program name
5655-DRP	10.2.1	InfoSphere Data Replication for DB2 for z/OS

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## Product identification number

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Program PID number	Subscription and Support PID number
5655-DRP	5655-DRS

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## Offering Information

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Product information is available via the Offering Information website

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

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## Publications

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The IBM Publications Center

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

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

The following table provides information that can be used to locate this product's publications on the IBM Publications Center.

Publication title	Order number
InfoSphere Data Replication for DB2 for z/OS License form number	GC19-3989
InfoSphere Data Replication for DB2 for z/OS Program Directory	GI10-8941
Replication and Event Publishing Guide and Reference	SC19-3637
SQL Replication Guide and Reference	SC19-3638
Replication Installation and Customization Guide for z/OS	SC19-3196
Migrating to Replication and Event Publishing Version 10.2.1	SC19-3679
ASNCLP Program Reference for Replication and Event Publishing	SC19-3639

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## Business Partner information

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If you are a Direct Reseller - System Reseller acquiring products from IBM , you may link directly to Business Partner information for this announcement. A PartnerWorld® ID and password are required (use IBM ID).

<https://www.ibm.com/partnerworld/mem/sla.jsp?num=213-399>

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## Technical information

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### Specified operating environment

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#### **Hardware requirements**

The hardware requirements can be found in the system requirements section of the InfoSphere Data Replication for DB2 for z/OS pages on [ibm.com](http://www.ibm.com)® at

<http://www-01.ibm.com/software/data/infosphere/data-replication-db2-z/requirements.html>

#### **Software requirements**

The software requirements can be found in the system requirements section of the InfoSphere Data Replication for DB2 for z/OS pages on [ibm.com](http://www.ibm.com) at

<http://www-01.ibm.com/software/data/infosphere/data-replication-db2-z/requirements.html>

For Q Replication, WebSphere MQ V7.1, 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.

#### **IBM Electronic Support**

The IBM Support Portal is your gateway to technical support. This includes IBM Electronic Support tools and resources, for software and hardware, to help save time and simplify support. The Electronic Support tools can help you find answers to questions, download fixes, troubleshoot, automate data collection, submit and track problems through the Service Request online tool, and build skills. All these tools are made available through your IBM support agreement, at no additional charge.

Read about the Electronic Support portfolio of tools

<http://ibm.com/electronicssupport>

Access the IBM Support Portal

<http://ibm.com/support>

Access the online Service Request tool

<http://ibm.com/support/servicerequest>

### Planning information

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#### **Direct customer support**

Direct customer support is provided by IBM Operational Support Services - SoftwareXcel. This fee service enhances your productivity by providing voice and electronic access into the IBM support organization. IBM Operational Support Services - SoftwareXcel helps answer questions pertaining to usage and suspected software defects for eligible products.

Installation and technical support is provided by Global Services. For more information call 800-IBM-4YOU (426-4968).

For technical support or assistance, contact your IBM representative or visit

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

### **Packaging**

InfoSphere Data Replication for DB2 for z/OS , V10.2.1 is distributed with the following components:

- InfoSphere Data Replication for DB2 for z/OS , V10.2.1 Tape
- WebSphere MQ for z/OS , V7.1
- Management Console and Access Server V10.2 CD
- Replication Installation and Customization Guide for z/OS
- DB2 Connect™ Enterprise Edition V10.5
- InfoSphere Data Replication for DB2 for z/OS , V10.2.1 License CD
- InfoSphere Data Replication for DB2 for z/OS , V10.2.1 Program Directory

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

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

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InfoSphere Data Replication for DB2 for z/OS , V10.2.1 uses the security and auditability features of the host hardware or software. The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

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## **Software Services**

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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 extensive portfolio of capabilities. Together, we provide the global reach, intellectual capital, industry insight, and technology leadership to support a wide range of critical business needs.

To learn more about IBM Software Services or to contact a Software Services sales specialist, visit

<http://www.ibm.com/software/sw-services/>



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## Ordering information

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### Ordering z/OS through the Internet

ShopzSeries provides an easy way to plan and order your z/OS ServerPac or CBPDO. It will analyze your current installation, determine the correct product migration, and present your new configuration based on z/OS . Additional products can also be added to your order (including determination of whether all product requisites are satisfied). ShopzSeries is available in the US and several countries in Europe. In countries where ShopzSeries is not available yet, contact your IBM representative (or IBM Business Partner) to handle your order via the traditional IBM ordering process. For more details and availability, visit the ShopzSeries website at

<http://www14.software.ibm.com/webapp/ShopzSeries/ShopzSeries.jsp>

### Charge metric

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Program name	Part number/ PID number	Charge metric
IBM InfoSphere Data Replication for DB2 for z/OS, V10.2.1	5655-DRP	Basic OTC, per value unit Basic OTC, per MSU-day TUC
IBM InfoSphere Data Replication for DB2 for z/OS, V10.2.1 S&S	5655-DRS	Basic ASC, per value unit SW S&S No charge, decline SW S&S Per MSU SW S&S registration

The programs in this announcement all have Value Unit-based pricing.

Program number	Program name	Value Unit exhibit
5655-DRP	IBM InfoSphere Data Replication for DB2 for z/OS, V10.2.1	VUE007

For each System z IPLA program with Value Unit pricing, the quantity of that program needed to satisfy applicable IBM terms and conditions is referred to as the **required license capacity**. Your required license capacity is based upon the following factors:

- The System z IPLA program you select
- The applicable Value Unit Exhibit
- The applicable terms
- Whether your current mainframes are full capacity or sub-capacity

### Value Unit exhibit VUE007

	MSUS minimum	MSUS maximum	Value Units/MSU
Base	1	3	1
Tier A	4	45	0.45
Tier B	46	175	0.36
Tier C	176	315	0.27
Tier D	316	+	0.2

Value Units for mainframes without MSU ratings:

Hardware	Value Units/machine
MP3000 H30	6
MP3000 H50	8
MP3000 H70	12
ESL models	2

### Ordering example

The total number of Value Units is calculated according to the following example.

If your required license capacity is 1,500 MSUs for your selected System z IPLA product, the applicable Value Units would be:

Translation from MSUs to value units

	MSUs	*	Value Units/MSU	=	Value Units
Base	3	*	1.00	=	3.00
Tier A	42	*	.45	=	18.90
Tier B	130	*	.36	=	46.80
Tier C	140	*	.27	=	37.80
Tier D	1,185	*	.20	=	237.00
Total	1,500				343.50

When calculating the total number of Value Units, the sum is to be rounded up to the next integer.

### Basic license

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#### On/Off CoD

InfoSphere Data Replication for DB2 for z/OS , V10.2.1 is eligible for On/Off CoD with a temporary use charge calculated based on MSUs per-day usage.

To order, specify the program product number and the appropriate license or charge option. Also, specify the desired distribution medium. To suppress shipment of media, select the license-only option in CFSW.

Program name: InfoSphere Data Replication for DB2 for z/OS, V10.2.1  
Program PID: 5655-DRP

Entitlement identifier	Description	License option/Pricing metric
S016SJP	InfoSphere Data Replication for DB2 for z/OS	Basic OTC, per value unit Basic OTC, per MSU-day TUC
	Trade-up from 5655-IRS SQL Replication for DB2	
	Trade-up from 5655-IRS Replication Server Q Replication	
	Trade-up from 5655-IRS SQL and Q Replication for DB2	
	Trade-up from 5655-DEP InfoSphere Data Event Publisher	
	Trade-up from 5655-U96 InfoSphere Change Data Capture for z/OS	

Orderable supply ID	Description	Language	Distribution medium
S016SJJ	InfoSphere Data Replication for Q and SQL Replication for z/OS	Multi	3590 tape
S016SJL	InfoSphere Data Replication for DB2 for z/OS WebSphere MQ	Multi	3590 tape
S017FB2	InfoSphere Data Replication for Change Data Capture for z/OS	Multi	3590 tape

Subscription and Support PID: 5655-DRS

Entitlement identifier	Description	License option/Pricing metric
S016SJR	InfoSphere Data Replication for DB2 for z/OS S&S	Basic ASC, per value unit SW S&S No charge, decline SW S&S Per MSU SW S&S registration

Orderable supply ID	Language	Distribution medium
S016SJN	Multi	Hardcopy publication

## Subscription and Support

To receive voice technical support via telephone and future releases and versions at no additional charge, Subscription and Support must be ordered. The capacity of Subscription and Support (Value Units) must be the same as the capacity ordered for the product licenses.

To order, specify the Subscription and Support program number (PID) referenced above and the appropriate license or charge option.

IBM is also providing Subscription and Support for these products via a separately purchased offering under the terms of the IBM International Agreement for Acquisition of Software Maintenance. This offering:

- Includes and extends the support services provided in the base support to include technical support via telephone.
- Entitles you to future releases and versions, at no additional charge. Note that you are not entitled to new products.

When Subscription and Support is ordered, the charges will automatically renew annually unless cancelled by you.

The combined effect of the IPLA license and the Agreement for Acquisition of Software Maintenance gives you rights and support services comparable to those under the traditional ICA S/390® and System z license or its equivalent. To ensure that you continue to enjoy the level of support you are used to in the ICA business model, you must order **both** the license for the program **and** the support for the selected programs at the same Value Unit quantities.

## Single version charging

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To elect single version charging, you must notify and identify to IBM the prior program and replacement program, and the machine the programs are operating on.

## Customized Offerings

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Product deliverables are shipped only via CBPDO and ServerPac. These customized offerings are offered for Internet delivery in countries where ShopzSeries product ordering is available. Internet delivery reduces software delivery time and allows you

to install software without the need to handle tapes. For more details on Internet delivery, refer to the Shopz help information at

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

You choose the delivery method when you order the software. IBM recommends Internet delivery. In addition to Internet and DVD, the supported tape delivery options include:

- 3590
- 3592

Most products can be ordered in ServerPac the month following their availability in CBPDO. z/OS can be ordered via CBPDO and , ServerPac. at general availability. Many products will also be orderable in a Product ServerPac without also having to order the z/OS operating system or subsystem.

Shopz and CFSW will determine the eligibility based on product requisite checking. For more details on the Product ServerPac, visit the Help section on the Shopz website at

<http://www14.software.ibm.com/webapp/ShopzSeries/ShopzSeries.jsp>

Production of software product orders will begin on the planned general availability date.

- CBPDO shipments will begin one week after general availability.
- ServerPac shipments will begin two weeks after general availability.

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## **Terms and conditions**

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

### ***Licensing***

IBM International Program License Agreement including the License Information document and Proof of Entitlement (PoE) govern your use of the program. PoEs are required for all authorized use.

### ***Agreement for Acquisition of Software Maintenance***

The IBM Agreement for Acquisition of Software Maintenance (Z125-6011) applies for Software Subscription and Support (Software Maintenance) and does not require customer signatures.

These programs are licensed under the IBM Program License Agreement (IPLA) and the associated Agreement for Acquisition of Software Maintenance, which provide for support with ongoing access to releases and versions of the program. These programs have a one-time license charge for use of the program and an annual renewable charge for the enhanced support that includes telephone assistance (voice support for defects during normal business hours), as well as access to updates, releases, and versions of the program as long as support is in effect.

IBM System z Operational Support Services - SoftwareXcel is an option if you desire added services.

### ***License Information form number***

License Information form number: L-GMET-99XSFL

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

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

**Limited warranty applies**

Yes

**Limited warranty**

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

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

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

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

**Program support**

Enhanced support, called Subscription and Support, includes telephone assistance, as well as access to updates, releases, and versions of the program as long as support is in effect. You will be notified of discontinuance of support with 12 months' notice.

**Money-back guarantee**

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

For clarification, note that for programs acquired under any of IBM's On/Off Capacity on Demand (On/Off CoD) software offerings, this term does not apply since these offerings apply to programs already acquired and in use by you.

**Volume orders (IVO)**

No

**Passport Advantage applies**

No

**Usage restriction**

Yes. For additional information, refer to the License Information document that is available on the IBM Software License Agreement website

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

**Software Subscription and Support applies**

No. For operating system software, the revised IBM Operational Support Services - SoftwareXcel offering will provide support for those operating systems and

associated products that are not available with the Software Subscription and Support (Software Maintenance) offering.

This will ensure total support coverage for your enterprise needs, including IBM and selected non-IBM products. For complete lists of products supported under both the current and revised offering, visit

<http://www.ibm.com/services/sl/products>

***IBM Operational Support Services - SoftwareXcel***

Yes

***System i Software Maintenance applies***

No

***Variable charges apply***

No

***Educational allowance available***

Yes. A 15% education allowance applies to qualified education institution customers.

***Sub-capacity utilization determination***

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Sub-capacity utilization is determined based on the utilization of a sub-capacity eligible reference product and machine.

***On/Off Capacity on Demand (CoD)***

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To be eligible for On/Off CoD pricing, you must be enabled for temporary capacity on the corresponding hardware, and the required contract, Attachment for IBM System z On/Off Capacity on Demand (Z125-7883) must be signed prior to use.

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**Statement of good security practices**

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

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**IBM Electronic Services**

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Electronic Service Agent™ and the IBM Electronic Support web portal are dedicated to providing fast, exceptional support to IBM Systems customers. The IBM Electronic Service Agent tool is a no-additional-charge tool that proactively monitors and reports hardware events, such as system errors, performance issues, and inventory. The Electronic Service Agent tool can help you stay focused on your company's strategic business initiatives, save time, and spend less effort managing day-to-day IT maintenance issues. Servers enabled with this tool can be monitored remotely around the clock by IBM Support all at no additional cost to you.

Now integrated into the base operating system of AIX® 5.3, AIX 6.1, and AIX 7.1, Electronic Service Agent is designed to automatically and electronically report system failures and utilization issues to IBM, which can result in faster problem resolution and increased availability. System configuration and inventory information collected by the Electronic Service Agent tool also can be viewed on the secure Electronic Support web portal, and used to improve problem determination and resolution by you and the IBM support team. To access the tool main menu, simply type "smitty esa\_main", and select "Configure Electronic Service Agent ." In addition, ESA now includes a powerful Web user interface, giving the administrator easy access to status, tool settings, problem information, and filters. For more information and documentation on how to configure and use Electronic Service Agent, refer to

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

The IBM Electronic Support portal is a single Internet entry point that replaces the multiple entry points traditionally used to access IBM Internet services and support. This portal enables you to gain easier access to IBM resources for assistance in resolving technical problems. The My Systems and Premium Search functions make it even easier for Electronic Service Agent tool-enabled customers to track system inventory and find pertinent fixes.

## Benefits

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**Increased uptime:** The Electronic Service Agent tool is designed to enhance the Warranty or Maintenance Agreement by providing faster hardware error reporting and uploading system information to IBM Support. This can translate to less wasted time monitoring the "symptoms," diagnosing the error, and manually calling IBM Support to open a problem record. Its 24 x 7 monitoring and reporting mean no more dependence on human intervention or off-hours customer personnel when errors are encountered in the middle of the night.

**Security:** The Electronic Service Agent tool is designed to be secure in monitoring, reporting, and storing the data at IBM. The Electronic Service Agent tool securely transmits either via the Internet (HTTPS or VPN) or modem, and can be configured to communicate securely through gateways to provide customers a single point of exit from their site. Communication is one way. Activating Electronic Service Agent does not enable IBM to call into a customer's system. System inventory information is stored in a secure database, which is protected behind IBM firewalls. It is viewable only by the customer and IBM. The customer's business applications or business data is never transmitted to IBM.

**More accurate reporting:** Since system information and error logs are automatically uploaded to the IBM Support center in conjunction with the service request, customers are not required to find and send system information, decreasing the risk of misreported or misdiagnosed errors. Once inside IBM, problem error data is run through a data knowledge management system and knowledge articles are appended to the problem record.

**Customized support:** Using the IBM ID entered during activation, customers can view system and support information in the "My Systems" and "Premium Search" sections of the Electronic Support Web site at

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

My Systems provides valuable reports of installed hardware and software using information collected from the systems by Electronic Service Agent. Reports are available for any system associated with the customer's IBM ID. Premium Search combines the function of search and the value of Electronic Service Agent information, providing advanced search of the technical support knowledgebase. Using Premium Search and the Electronic Service Agent information that has been collected from your system, customers are able to see search results that apply specifically to their systems.

For more information on how to utilize the power of IBM Electronic Services, contact your IBM Systems Services Representative, or visit

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

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## Prices

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For additional information and current prices, contact your local IBM representative.

Information on charges is available at

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

Choose the option entitled Purchase/upgrade tools.

To order, specify the program product number and the appropriate license or charge option. Also, specify the desired distribution medium. To suppress shipment of media, select the license-only option in CFSW.

Program name: InfoSphere Data Replication for DB2 for z/OS, v10.2.1

Program PID: 5655-DRP

Entitlement identifier	Description	License option/Pricing metric
S016SJP	InfoSphere Data Replication for DB2 for z/OS	Basic OTC, per value unit Basic OTC, per MSU-day TUC
	Trade-up from 5655-IRS SQL Replication for DB2	
	Trade-up from 5655-IRS Replication Server Q Replication	
	Trade-up from 5655-IRS SQL and Q Replication for DB2	
	Trade-up from 5655-DEP InfoSphere Data Event Publisher	
	Trade-up from 5655-U96 InfoSphere Change Data Capture for z/OS	

Subscription and Support PID: 5655-DRS

Entitlement identifier	Description	License option/Pricing metric
S016SJR	InfoSphere Data Replication for DB2 for z/OS S&S	Basic ASC, per value unit SW S&S No charge, decline SW S&S Per MSU SW S&S registration

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## IBM Global Financing

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**Corrections**

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**(Corrected on October 29, 2013)**

The Ordering information section is revised.

**(Corrected on October 11, 2013)**

The Ordering information and Charges sections are revised.