



IBM InfoSphere Discovery for z/OS , V4.5 offers new and enhanced features for database customers

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At a glance

IBM® InfoSphere™ Discovery for z/OS®, V4.5:

- Enhances automatic discovery of hidden data relationships for data-related projects, including foreign keys, data objects, classifications, and transformations
- Helps you to do cross-source, data-driven analysis in support of information integration projects
- Helps you prototype data consolidation rules for new projects
- Provides mechanisms to help you identify sensitive data
- Offers enhanced integration with other InfoSphere products

For ordering, contact your IBM representative, an IBM Business Partner, or IBM Americas Call Centers at 800-IBM-CALL (Reference: SE001).

Overview

InfoSphere Discovery for z/OS, V4.5 is designed to deliver the following new capabilities:

- Extended language support, allowing analysis and discovery of source data in Chinese and other Unicode character sets
- New asset classification workflow that applies advanced algorithms for improved value matching and classification
- Improvements to the user interface for interacting with large data sets
- Scalability and performance enhancements for working with larger databases and more tables during source analysis
- Integration with InfoSphere Business Glossary for capturing and defining terminology during the discovery and analysis process

InfoSphere Discovery for z/OS, V4.5 is a recommended upgrade for all users of previous versions of the product.

Key prerequisites

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

Planned availability date

January 14, 2011

Accessibility by people with disabilities

A U.S. 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

Product positioning

Before implementing information-centric projects such as archiving, data privacy, master data management (MDM), data warehousing, data lineage, or application data consolidation, it is necessary to know what data exists, where it is located, and how it is related among systems. For most organizations, data discovery and analysis are manual processes that require months of human involvement. IBM InfoSphere Discovery for z/OS, V4.5 offers sophisticated analysis to help automate the analysis process and help generate actionable results.

Program number

Program number	VRM	Program name
5655-w24	4.5.0	IBM InfoSphere Discovery for z/OS

Product identification number

Program PID number	Subscription and Support PID number
5655-w24	5655-w25

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 address 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 a comprehensive 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/software/data/ips/services/learning.html>

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 significantly reduced 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>

Business Partner information

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=211-008>

Publications

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)®.

The IBM Publications Center

Publications for IBM InfoSphere Discovery products are provided on a DVD 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 via 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 (or GI) 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 includes the title and publication number that can be used to locate the applicable publications on the IBM Publications Center.

Publication title	Order number
IBM InfoSphere Discovery for z/OS License Booklet	GI11-9231
IBM InfoSphere Discovery Installation Guide	GC23-9878
IBM InfoSphere Discovery Release Notes	GI11-9230
IBM InfoSphere Discovery User Guide	SC23-9879
IBM InfoSphere Discovery Sample Projects	SC23-9880
IBM InfoSphere Discovery Quick Reference	SC23-9882

Technical information

Specified operating environment

Hardware requirements

The exact configuration you need to support your environment with satisfactory performance will vary, depending on multiple factors like data volume, source database management system (DBMS) performance, and staging DBMS

performance. The minimum recommended configurations listed below need to be evaluated and adjusted according to your unique requirements.

Software requirements

When using InfoSphere Discovery for z/OS, there are several dimensions to the software requirements: the operating system platforms that the product components will support, the types of data sources the product is capable of analyzing, and the types of DBMSs the product will use to process the data and deliver analysis results.

Supported source and target DBMSs, in addition to flat files, are listed in the following table:

DBMS	Version	ODBC driver
Microsoft SQL Server	2005	Corresponding Microsoft SQL Server ODBC driver
Oracle	10g R2 (32-bit, 64-bit) 11g R1 (32-bit, 64-bit)	Corresponding Oracle ODBC driver Corresponding Oracle ODBC driver
DB2 for z/OS	DB2® V9.1, OS level 1.7	DB2 9.1 LUW EE fixpack 3a, or DB2 9.5 (other ODBC drivers are not supported)
DB2 UDB	UDB 9.1 LUW (32-bit, 64-bit) UDB 9.5 LUW (32-bit, 64-bit) UDB 9.7 LUW (32-bit, 64-bit)	Corresponding IBM DB2 ODBC driver
Teradata	Server 6.01.01.17	ODBC driver 3.05.00.04
Datacom (through InfoSphere Classic Federation Server for z/OS)	See note	Classic Federation 9.5 ODBC driver
IMS (through InfoSphere Classic Federation Server for z/OS)	See note	Classic Federation 9.5 ODBC driver
IBM VSAM (through InfoSphere Classic Federation Server for z/OS)	See note	Classic Federation 9.5 ODBC driver
Netezza	5.0.4	Netezza ODBC driver 5.0.4
Sybase	12.5.4	Corresponding Sybase ODBC driver

Note: For supported versions, refer to InfoSphere Classic Federation Server V9.5 system requirements at

<http://www-01.ibm.com/software/data/infosphere/classic-federation-server-z/>

The program's specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a readme file, or other information published by IBM, such as an announcement letter. Documentation and other program content may be supplied only in the English language.

Planning information

Direct customer support

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

- Database Relationship Analyzer V2.1 Client Code CD (LCD7-3740)
- Database Relationship Analyzer V2.1 License Information (GI11-9324)
- Database Relationship Analyzer V2.1 Program Directory (GI11-9323)
- InfoSphere Discovery for z/OS, V4.5 DVD (LCD-73741)
- InfoSphere Discovery for z/OS, V4.5 License Information (GI11-9231)

Security, auditability, and control

InfoSphere Discovery for z/OS, V4.5 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.

Software Services

Services from IBM InfoSphere Professional Services complement the IBM Information Server platform. You can leverage the extensive technical skills and world-class 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 to contact a services representative, visit

<http://www-306.ibm.com/software/data/ips/services/professional.html>

We also extend our IBM Software Services reach through IBM Business Partners to provide an unmatched portfolio of capabilities. Together, we provide the global reach, intellectual capital, industry insight, and technology leadership to support any critical business need.

To locate an IBM Business Partner, visit

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

Ordering information

Charge metric

Program name	Part number or PID number	Charge metric
InfoSphere Discovery for z/OS, v4.5	5655-w24	Value Unit

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

Program number	Program name	Value Unit exhibit
5655-w24	InfoSphere Discovery for z/OS, v4.5	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.

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 U.S. and several countries in Europe. In countries where ShopzSeries is not yet available, 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>

Basic license

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 Discovery for z/OS, V4.5
Program PID: 5655-W24

Entitlement identifier	Description	License option/ Pricing metric
S015SD5	Licensed function InfoSphere Discovery for z/OS, V4.5	Basic OTC, per Value Unit Basic OTC, per MSU-day TUC
Orderable Supply ID	Language	Distribution medium
S016KR6	US English	3590 Tape Cartridge

Subscription and Support PID: 5655-W25

Entitlement identifier	Description	License option/ Pricing metric
S015RT3	InfoSphere Discovery for z/OS, V4.5 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
S015RD3	US English	Hardcopy pub

On/Off CoD

InfoSphere Discovery for z/OS, V4.5 is eligible for On/Off CoD with a temporary use charge calculated based on MSUs per-day usage.

Customized Offerings

Product deliverables are shipped only via CBPDO, ServerPac, SystemPac®.

CBPDO and ServerPac 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 ShopzSeries 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 for CBPDO, ServerPac, and SystemPac, include:

- 3590
- 3592

Most products can be ordered in ServerPac and SystemPac the month following their availability on CBPDO. z/OS can be ordered via all three offerings at general availability. 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
- SystemPac shipments will begin four weeks after general availability due to additional customization, and data input verification.

Terms and conditions

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

Licensing

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

Agreement for Acquisition of Software Maintenance

The following agreement applies for Software Subscription and Support (Software Maintenance) and does not require customer signatures:

- IBM Agreement for Acquisition of Software Maintenance (Z125-6011)

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

GI11-9231-01

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 restrictions

Yes

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 enable comprehensive 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

Sub-capacity utilization is determined based on the utilization of an eligible operating system and machine (for example, z/OS running in z/Architecture® (64 bit) mode on a System z ((or equivalent) server).

On/Off Capacity on Demand (CoD)

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.

IBM Electronic Services

IBM has transformed its delivery of hardware and software support services to help you achieve higher system availability. Electronic Services is a web-enabled solution that offers an exclusive, no-additional-charge enhancement to the service and support available for IBM servers. These services are designed to provide the opportunity for greater system availability with faster problem resolution and preemptive monitoring. Electronic Services comprises two separate, but complementary, elements: Electronic Services news page and Electronic Services Agent.

The Electronic Services news page is a single Internet entry point that replaces the multiple entry points traditionally used to access IBM Internet services and support. The news page enables you to gain easier access to IBM resources for assistance in resolving technical problems.

The Electronic Service Agent™ is no-additional-charge software that resides on your server. It monitors events and transmits system inventory information to IBM on a periodic, client-defined timetable. The Electronic Service Agent automatically reports hardware problems to IBM. Early knowledge about potential problems enables IBM to deliver proactive service that may result in higher system availability and performance. In addition, information collected through the Service Agent is made available to IBM service support representatives when they help answer your questions or diagnose problems. Installation and use of IBM Electronic Service Agent for problem reporting enables IBM to provide better support and service for your IBM server.

To learn how Electronic Services can work for you, visit

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

Prices

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

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 Discovery for z/OS, v4.5
Program PID: 5655-w24

Entitlement identifier	Description	License option/ Pricing metric
S015SD5	InfoSphere Discovery for z/OS, v4.5	Basic OTC, per Value Unit Basic OTC, per MSU-day TUC

Subscription and Support PID: 5655-w25

Entitlement identifier	Description	License option/ Pricing metric
S015RT3	InfoSphere Discovery for z/OS, v4.5 S&S	Basic ASC, per Value Unit SW S&S No charge, decline SW S&S Per MSU SW S&S registration

IBM Global Financing

IBM Global Financing offers competitive financing to credit-qualified customers to assist them in acquiring IT solutions. Offerings include financing for IT acquisition, including hardware, software, and services, from both IBM and other manufacturers or vendors. Offerings (for all customer segments: small, medium, and large enterprise), rates, terms, and availability can vary by country. Contact your local IBM Global Financing organization or visit

<http://www-03.ibm.com/financing/us/index.html>

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Order now

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To identify your local IBM representative or IBM Business Partner, call 800-IBM-4YOU (426-4968).

Phone: 800-IBM-CALL (426-2255)

Fax: 800-2IBM-FAX (242-6329)

For IBM representative: callserv@ca.ibm.com

For IBM Business Partner: pwswna@us.ibm.com

Mail: IBM Teleweb Customer Support
ibm.com Sales Execution Center, Americas North
3500 Steeles Ave. East, Tower 3/4
Markham, Ontario
Canada
L3R 2Z1

Reference: SE001

The Americas Call Centers, our national direct marketing organization, can add your name to the mailing list for catalogs of IBM products.

Note: Shipments will begin after the planned availability date.

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<http://www.ibm.com/planetwide/us/>