



IBM InfoSphere Optim solutions for z/OS V9.1 include new features supporting Test Data Management, Data Masking, and Data Growth Solution

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At a glance

Version 9.1 of the Optim™ Test Data Management and Data Growth solutions offer the following enhancements:

- Installation launch pads to install an Optim client, repository or server
- A simple but robust scripting language for advanced column transformations
- An Optim service interface to programatically invoke Optim service management
- Two-way integration with IBM® Atlas eDiscovery Process Management
- Enhanced archive file function
- Enhancements to Optim Connect:
 - Collation that is not case sensitive for Microsoft™ SQL Server data sources
 - Calculations that present results, without rounding off, up to 34 digits beyond the decimal point, increased from up to 15 digits
 - Delete by ROWID on Oracle data sources
 - Multicolumn search in lookup functions
 - Extended support for Teradata, including Teradata Binary Loader format, TPT support for child tables and support for the SAMPLE clause on extract
 - Native processing support for Netezza® V6.x, including tier migration
 - Toleration support for DB2® V10 for Linux™ , UNIX™ , and Windows™ and Informix® V11.7, Sybase V15.5, and Teradata V14
 - New platform support for AIX® V7.1 and Red Hat Enterprise Linux V6
 - Auditing of additional events, including open data manager access to archive files
 - Optim Designer redesigned and simplified UI
 - Optim Manager with new capabilities for managing services and repository

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

Overview

Optim Data Growth Solution for z/OS® enables you to archive historical transaction records from mission-critical database applications. Application data can be safely relocated to a more secure archive, thereby helping to streamline the

production database to aid your efforts to reduce processing overhead. Archived information remains readily accessible. The Optim Data Growth Solution can help you improve application performance and support data-retention compliance programs and efforts to lower IT costs.

Optim Test Data Management Solution for z/OS enables you to create realistic, right-sized test databases, edit data to force error and boundary conditions, and compare baseline data against successive test results to help you pinpoint application errors that could otherwise go undetected. By helping to streamline your test data management process, Optim Test Data Management Solution can help you improve quality, speed iterative testing tasks, and accelerate revenue generation.

Test Data Management Solution for z/OS - Data Masking Option is an optional, chargeable component that enables Optim Test Data Management solution customers to mask and transform sensitive test data as part of their efforts to avoid exposing critical business data. Optim masking techniques include using arithmetic expressions, substrings, random or sequential number generation, date aging, and more. Most importantly, you can propagate masked values from a parent table to related tables at levels essential for maintaining the referential integrity of the data.

You can order these products easily and conveniently.

For more information on the Optim InfoSphere® family of products, visit

<http://www.ibm.com/software/data/data-management/optim/>

Key prerequisites

Operating system: IBM z/OS V1.10 (5694-A01), or later

Planned availability date

October 19, 2012

Description

InfoSphere Optim Test Data Management Solution for z/OS

Secure application testing for quality and reliability has never been more important. InfoSphere Optim offers extensive test data management capabilities for creating right-sized fictionalized test databases that more accurately reflect end-to-end business processes. They can help you minimize costly cloning processes and address defects early in the development process when they are cheaper and easier to fix. Most importantly, the InfoSphere Optim Test Data Management Solution scales along with your development and testing requirements, across applications, databases, operating systems, and hardware platforms.

The InfoSphere Optim Test Data Management solution helps organizations by:

- Allowing you to create referentially intact, right-sized test databases
- Automating test result comparisons to identify hidden errors
- Refreshing and maintaining production-like test environments more easily
- Helping you to shorten iterative testing cycles to help accelerate time to market

The InfoSphere Optim Test Data Management solution supports heterogeneous enterprise environments, including custom applications, ERP solutions (JD Edwards EnterpriseOne, Oracle E-Business Suite, PeopleSoft Enterprise, Siebel CRM, SAP applications, and more), and platforms such as Windows , UNIX/Linux, and IBM z/ OS .

With Version 9.1 all the Optim functions of Test Data Management and Data Privacy are available in the combined Optim Designer and Manager with some key functional enhancements:

- Optim Designer
 - Simplified creation wizards for test data management definitions and services
 - Full-function editors to maintain test data management definitions and services
 - New preconfigured repository to host design and operational metadata
 - Redesigned and simplified Designer user perspective
 - New transformation process to bring Optim requests residing within Optim directories into the Optim repository
- Optim Manager
 - Maintaining the Optim repository
 - Restarting services upon failure
 - Running show steps for services
 - Supplying service overrides and variables prior to execution

InfoSphere Optim Data Growth Solution for z/OS

InfoSphere Optim solutions address the data growth problem at the source by helping you manage your enterprise application data. InfoSphere Optim enables you to archive historical transaction records, storing them more securely and cost effectively while maintaining universal access. With less data to sift through, InfoSphere Optim helps you speed reporting and complete mission-critical business processes on time.

The InfoSphere Optim Data Growth solutions help organizations by:

- Helping efforts to reduce hardware, storage, and maintenance costs by allowing you to archive historical data from applications and systems, freeing valuable resources
- Helping optimize application performance levels by controlling ongoing database growth
- Allowing you to archive, manage, and retain application data according to business and compliance policies
- Allowing you to respond more quickly to audit and discovery requests with universal access to archived information
- Allowing you to centrally manage and control archiving across enterprise applications (including custom applications and packaged CRM/ERP solutions such as JD Edwards EnterpriseOne, Oracle E-Business Suite, PeopleSoft Enterprise, Siebel CRM, and Amdocs CRM), databases (DB2 , Informix , Oracle, Sybase, SQL Server, and so on), and platforms (including Windows , UNIX/Linux, and IBM z/OS)

Version 9.1 includes these enhancements to archive file functions:

- Storage retention with suspension and resumption of expiration
- Split, hold, expire, and convert capabilities
- File validation
- Command-line interface capabilities for creation of archive file indexes and registration of protected archive files
- Open data manager support for archive files with more than 4,000,000,000 rows
- Optim Connect Studio data source creation wizards to register archive files and archive file collections

InfoSphere Optim Test Data Management Solution - Data Masking Option

This solution helps mask sensitive data more effectively across nonproduction environments, while also transforming the data so that realistic data can be used

in development, testing, or training. With this offering, you can apply proven data transformation techniques to replace sensitive real data with contextually accurate and realistic fictitious data.

Functions and benefits include the following:

- Apply a range of masking techniques to transform personally identifiable information and other confidential corporate data.
- Leverage prepackaged data masking routines to transform complex data elements such as credit card numbers, email addresses, and national identifiers, while retaining their contextual meaning.
- Substitute test environments with realistic, fictionalized data, creating a "safe sandbox" for application testing.
- Consolidate and mask data from multiple interrelated applications to create a production-like test environment that more accurately reflects end-to-end business processes.
- Support efforts to comply with privacy regulations such as HIPAA, GLBA, DDP, PIPEDA, Safe Harbour, PCI DSS, and others.
- Apply a single, scalable enterprise data management solution across applications (Oracle E-Business Suite, PeopleSoft Enterprise, Siebel, JD Edwards EnterpriseOne, SAP, and Amdocs CRM), databases (DB2 , IMSTM, VSAM/ SEQ, Adabas, Informix , Oracle, Sybase, SQL Server, and XML), and platforms (Windows , UNIX/Linux, and z/OS).

Accessibility by people with disabilities

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

Program number

Program number	VRM	Program name
5655-DGA	V9.1	InfoSphere Optim Test Data Management Solution for z/OS - IMS/VSAM/SEQ
5655-DGA	V9.1	InfoSphere Optim Test Data Management Solution for z/OS - IMS/VSAM/SEQ - Data Masking Option
5655-DGB	V9.1	InfoSphere Optim Test Data Management Solution for z/OS - Adabas
5655-DGB	V9.1	InfoSphere Optim Test Data Management Solution for z/OS - Adabas - Data Masking Option
5655-DGC	V9.1	InfoSphere Optim Data Growth Solution for z/OS - IMS/VSAM/SEQ
5655-DGD	V9.1	InfoSphere Optim Data Growth Solution for z/OS - Adabas
5655-DGE	V9.1	InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for Software AG Adabas
5655-DGE	V9.1	InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for CA-IDMS

5655-DGE V9.1 InfoSphere Optim Data Growth Solution
for z/OS with Classic Federation for
IMS/VSAM/SEQ

5655-DGE V9.1 InfoSphere Optim Data Growth Solution
for z/OS with Classic Federation
for CA-Datacom

5655-DGF V9.1 InfoSphere Optim Test Data Management
Solution for z/OS with Classic Federation
for Software AG Adabas

5655-DGF V9.1 InfoSphere Optim Test Data Management
Solution for z/OS with Classic Federation
for IMS/VSAM/SEQ

5655-DGF V9.1 InfoSphere Optim Test Data Management
Solution for z/OS with Classic Federation
- Data Masking Option

5655-DGF V9.1 InfoSphere Optim Test Data Management
Solution for z/OS with Classic Federation
for CA-Datacom

5655-DGF V9.1 InfoSphere Optim Test Data Management
Solution for z/OS with Classic Federation
for CA-IDMS

Product identification number

Program PID number	Subscription and Support PID number
5655-DGA	5655-DG5
5655-DGB	5655-V20
5655-DGC	5655-V36
5655-DGD	5655-V38
5655-DGE	5655-DG1
5655-DGF	5655-TDS

Education support

IBM Training: Available from IBM training, the newest offerings support your training needs, enhance your skills, and boost your success with IBM software. IBM offers a complete portfolio of training options including traditional classroom, private onsite and eLearning courses. Many of our classroom courses are part of IBM's "Guaranteed to run program" ensuring your course will never be canceled. We have a robust eLearning portfolio including Instructor Led Online (ILO) courses, Self Paced Virtual courses (SPVC), and traditional Web Based Training (WBT) courses. A perfect complement to classroom training, our eLearning portfolio offers something for every need and every budget, simply select the style that suits you.

Be sure to take advantage of our custom training plans to map your path to acquiring skills. Enjoy further savings when you purchase training at a discount with an IBM Education Pack - online account, a flexible and convenient way to pay, track, and manage your education expenses online.

The following key education resources have been updated to reflect the following products:

- InfoSphere Optim Test Data Management Solution for z/OS - IMS/VSAM/SEQ
- InfoSphere Optim Test Data Management Solution for z/OS - IMS/VSAM/SEQ - Data Masking Option
- InfoSphere Optim Test Data Management Solution for z/OS - Adabas
- InfoSphere Optim Test Data Management Solution for z/OS - Adabas - Data Masking Option
- InfoSphere Optim Data Growth Solution for z/OS - IMS/VSAM/SEQ
- InfoSphere Optim Data Growth Solution for z/OS - Adabas
- InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for Software AG Adabas
- InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for CA-IDMS
- InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for IMS/VSAM/SEQ

The following courses are available for customers installing one of the following InfoSphere Optim Data Growth Solution products

- InfoSphere Optim Data Growth Solution for z/OS - IMS/VSAM/SEQ
- InfoSphere Optim Data Growth Solution for z/OS - Adabas
- InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for Software AG Adabas
- InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for CA-IDMS
- InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for IMS/VSAM/SEQ

Course: InfoSphere Optim Data Growth for Archiving on Dist Systems

Classroom DT20	Instructor-Led 3T20	Online Self Paced 1T20	Virtual 2T20	Web Based 2T20
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Course: Installing and Configuring Optim Core Technology for Distributed Systems (Systems Administrators only)

Classroom DT2A	Instructor-Led 3T2A	Online Self Paced 1T2A	Virtual 2T2A	Web Based 2T2A
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The following courses are available for customers installing one of the following InfoSphere Optim Test Data Management Solution products:

- InfoSphere Optim Test Data Management Solution for z/OS - IMS/VSAM/SEQ
- InfoSphere Optim Test Data Management Solution for z/OS - IMS/VSAM/SEQ - Data Masking Option
- InfoSphere Optim Test Data Management Solution for z/OS - Adabas
- InfoSphere Optim Test Data Management Solution for z/OS - Adabas - Data Masking Option

Course: Using InfoSphere Optim Test Data Mgmt and Data Masking on Dist Systems

Classroom DT21	Instructor-Led 3T21	Online Self Paced 1T21	Virtual 2T21	Web Based 2T21
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Course: Installing and Configuring Optim Core Technology for Distributed Systems (Systems Administrators only)

Classroom DT2A	Instructor-Led 3T2A	Online Self Paced 1T2A	Virtual 2T2A	Web Based 2T2A
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The following courses are available for customers installing both the InfoSphere Data Growth Solution and the InfoSphere Optim Test Data Management Solution:

- InfoSphere Optim Data Growth Solution for z/OS - IMS/VSAM/SEQ
- InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for IMS/VSAM/SEQ
- InfoSphere Optim Test Data Management Solution for z/OS - IMS/VSAM/SEQ
- InfoSphere Optim Test Data Management Solution for z/OS - IMS/VSAM/SEQ - Data Masking Option

or

- InfoSphere Optim Data Growth Solution for z/OS - Adabas
- InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for Software AG Adabas
- InfoSphere Optim Test Data Management Solution for z/OS - Adabas
- InfoSphere Optim Test Data Management Solution for z/OS - Adabas - Data Masking Option
- InfoSphere Optim Test Data Management Solution for z/OS - Adabas
- InfoSphere Optim Test Data Management Solution for z/OS - Adabas - Data Masking Option

Course: Using InfoSphere Optim Core Technology on Dist Systems

Classroom DT29	Instructor-Led 3T29	Online Self Paced 1T29	Virtual 2T29	Web Based 2T29
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Course: Installing and Configuring Optim Core Technology for Distributed Systems (Systems Administrators only)

Classroom DT2A	Instructor-Led 3T2A	Online Self Paced 1T2A	Virtual 2T2A	Web Based 2T2A
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IBM training provides education to support many IBM offerings. Descriptions of courses for IT professionals and managers are on the IBM training website

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

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

IBM Redbooks® IBM Redbooks offer deep technical insight from IBM and industry experts. These books highlight real-time experiences, and include sample code, typical scenarios and step-by-step, "how-to" guidelines.

IBM Form Number	Book title
SG24-7936	Implementing an InfoSphere Optim Data Growth Solution

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=212-360>

Publications

All product publications are provided in softcopy format on the product media.

In addition, a hardcopy License Information document is provided.

Technical information

Specified operating environment

Hardware requirements

Refer to the [Software requirements](#) section for the website that lists all requirements.

Software requirements

Software requirements for the offerings in this announcement are available at this website:

<http://www.ibm.com/support/docview.wss?uid=swg27024294>

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

5655-DGA

- InfoSphere Optim Test Data Management Solution for z/OS - IMS/VSAM/SEQ, V9.1
 - CD/DVD Kit: Optim C/S, V9.1 components (LK4T-3524)
 - SMP/E installable tape: Optim Solution for z/OS, V7.1
 - CD: Optim Solution for z/OS, V7.1 Publications (LCD7-4754)
 - CD: License Information (LC27-4477)
- InfoSphere Optim Test Data Management Solution for z/OS - IMS/VSAM/SEQ - Data Masking Option, V9.1
 - SMP/E installable tape: Optim Solution for z/OS, V7.1
 - DVD Kit: Optim Data Masking Solution, V2.2 (LK4T-3404)
 - DVD: IBM InfoSphere Optim Masking on Demand, V9.1 (LCD7-4859)
 - CD: License Information (LC27-4478)

5655-DGB

- InfoSphere Optim Test Data Management Solution for z/OS - Adabas, V9.1
 - CD/DVD Kit: Optim C/S, V9.1 components (LK4T-3524)
 - CD: License Information (LC27-4475)
- Optim Test Data Management Solution for z/OS - Adabas - Data Masking Option, V9.1
 - CD: License Information (LC27-4476)
 - DVD Kit: Optim Data Masking Solution, V2.2 (LK4T-3404)

- DVD: InfoSphere Optim Masking on Demand, V9.1 (LCD7-4859)

5655-DGC

- InfoSphere Optim Data Growth Solution for z/OS - IMS/VSAM/SEQ. V9.1
 - CD/DVD Kit: Optim C/S, V9.1 components (LK4T-3524)
 - CD: InfoSphere BigInsights™ Enterprise Edition Starter Kit, V1.4 (LCD7-4860)
 - CD: License Information (LC27-4474)

5655-DGD

- InfoSphere Optim Data Growth Solution for z/OS - Adabas, V9.1
 - CD/DVD Kit: Optim C/S, V9.1 components (LK4T-3524-00)
 - CD: InfoSphere BigInsights Enterprise Edition Starter Kit, V1.4 (LCD7-4860)
 - CD: License Information (LC27-4473)

5655-DGE

- InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for IMS/VSAM/SEQ, V9.1
 - CD/DVD kit: Optim C/S, V9.1 components (LK4T-3524)
 - Kit: InfoSphere Classic Federation Server, V10.1 (LK5T-7401)
 - SMP/E installable tape: Classic Fed/Rep/EP Core (Base) (HABIA10)
 - SMP/E installable tape: Classic Fed Unique (JABIA11)
 - DVD Kit: InfoSphere Federation Server, V9.7, components (LK4T-4908)
 - CD/DVD Kit: InfoSphere Federation Server Client, V9.7 (LK4T-4909)
 - CD/DVD Kit: Data Server Runtime Client, V9.7 (LK4T-4910)
 - SMP/E installable tape: Classic Access IMS™ (JABIA17)
 - SMP/E installable tape: Classic Access VSAM (JABIA18)
 - CD: InfoSphere BigInsights Enterprise Edition, V1.4 Starter Kit (LCD7-4860)
 - CD: License Information (LC27-4479)
- InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for Software AG Adabas, V9.1
 - CD/DVD kit: Optim C/S, V9.1 components (LK4T-3524)
 - Kit: InfoSphere Classic Federation Server, V10.1 (LK5T-7401)
 - SMP/E installable tape: Classic Fed/Rep/EP Core (Base) (HABIA10)
 - SMP/E installable tape: Classic Fed Unique (JABIA11)
 - DVD Kit: InfoSphere Federation Server, V9.7, components (LK4T-4908)
 - CD/DVD Kit: InfoSphere Federation Server Client, V9.7 (LK4T-4909)
 - CD/DVD Kit: Data Server Runtime Client, V9.7 (LK4T-4910)
 - SMP/E installable tape: Classic Access Software AG Adabas (JABIA15)
 - CD: InfoSphere BigInsights Enterprise Edition, V1.4 Starter Kit (LCD7-4860)
 - CD: License Information (LC27-4480)
- InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for CA-IDMS, V9.1
 - CD/DVD kit: Optim C/S, V9.1 components (LK4T-3524)
 - Kit: InfoSphere Classic Federation Server, V10.1 (LK5T-7401)
 - SMP/E installable tape: Classic Fed/Rep/EP Core (Base) (HABIA10)
 - SMP/E installable tape: Classic Fed Unique (JABIA11)
 - DVD Kit: InfoSphere Federation Server, V9.7, components (LK4T-4908)
 - CD/DVD Kit: InfoSphere Federation Server Client, V9.7 (LK4T-4909)

- CD/DVD Kit: Data Server Runtime Client, V9.7 (LK4T-4910)
- SMP/E installable tape: Classic Access CA-IDMS (JABIA16)
- CD: InfoSphere BigInsights Enterprise Edition, V1.4 Starter Kit (LCD7-4860)
- CD: License Information (LC27-4481)
- InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for CA-Datcom, V9.1
 - CD/DVD kit: Optim C/S, V9.1 components (LK4T-3524)
 - Kit: InfoSphere Classic Federation Server, V10.1 (LK5T-7401)
 - SMP/E installable tape: Classic Fed/Rep/EP Core (Base) (HABIA10)
 - SMP/E installable tape: Classic Fed Unique (JABIA11)
 - DVD Kit: InfoSphere Federation Server, V9.7, components (LK4T-4908)
 - CD/DVD Kit: InfoSphere Federation Server Client, V9.7 (LK4T-4909)
 - CD/DVD Kit: Data Server Runtime Client, V9.7 (LK4T-4910)
 - SMP/E installable tape: Classic Access CA-Datcom (JABIA19)
 - CD: InfoSphere BigInsights Enterprise Edition, V1.4 Starter Kit (LCD7-4860)
 - CD: License Information (LC27-4482)

5655-DGF

- InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for IMS/VSAM/SEQ, V9.1
 - CD/DVD kit: Optim C/S, V9.1 components (LK4T-3524)
 - Kit: InfoSphere Classic Federation Server, V10.1 (LK5T-7401)
 - SMP/E installable tape: Classic Fed/Rep/EP Core (Base) (HABIA10)
 - SMP/E installable tape: Classic Fed Unique (JABIA11)
 - DVD Kit: InfoSphere Federation Server, V9.7, components (LK4T-4908)
 - CD/DVD Kit: InfoSphere Federation Server Client, V9.7 (LK4T-4909)
 - CD/DVD Kit: Data Server Runtime Client, V9.7 (LK4T-4910)
 - SMP/E installable tape: Optim Solution for z/OS , V7.1 (Image: 1600002JJR65)
 - SMP/E installable tape: Classic Access IMS (JABIA17)
 - SMP/E installable tape: Classic Access VSAM (JABIA18)
 - CD: Optim Solution for z/OS , V7.1 Publications (LCD7-4754)
 - CD: License Information (LC27-4483)
- InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for Software AG Adabas, V9.1
 - CD/DVD kit: Optim C/S, V9.1 components (LK4T-3524)
 - Kit: InfoSphere Classic Federation Server, V10.1 (LK5T-7401)
 - SMP/E installable tape: Classic Fed/Rep/EP Core (Base) (HABIA10)
 - SMP/E installable tape: Classic Fed Unique (JABIA11)
 - DVD Kit: InfoSphere Federation Server, V9.7, components (LK4T-4908)
 - CD/DVD Kit: InfoSphere Federation Server Client, V9.7 (LK4T-4909)
 - CD/DVD Kit: Data Server Runtime Client, V9.7 (LK4T-4910)
 - SMP/E installable tape: Classic Access AG Adabas (JABIA15)
 - CD: License Information (LC27-4484)
- InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for CA-IDMS, V9.1
 - CD/DVD kit: Optim C/S, V9.1 components (LK4T-3524)
 - Kit: InfoSphere Classic Federation Server, V10.1 (LK5T-7401)
 - SMP/E installable tape: Classic Fed/Rep/EP Core (Base) (HABIA10)

- SMP/E installable tape: Classic Fed Unique (JABIA11)
- DVD Kit: InfoSphere Federation Server, V9.7, components (LK4T-4908)
- CD/DVD Kit: InfoSphere Federation Server Client, V9.7 (LK4T-4909)
- CD/DVD Kit: Data Server Runtime Client, V9.7 (LK4T-4910)
- SMP/E installable tape: Classic Access CA-IDMS (JABIA16) 4
- CD: License Information (LC27-4485)
- InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for CA-Datcom, V9.1
 - CD/DVD kit: Optim C/S, V9.1 components (LK4T-3524)
 - Kit: InfoSphere Classic Federation Server, V10.1 (LK5T-7401)
 - SMP/E installable tape: Classic Fed/Rep/EP Core (Base) (HABIA10)
 - SMP/E installable tape: Classic Fed Unique (JABIA11)
 - DVD Kit: InfoSphere Federation Server, V9.7, components (LK4T-4908)
 - CD/DVD Kit: InfoSphere Federation Server Client, V9.7 (LK4T-4909)
 - CD/DVD Kit: Data Server Runtime Client, V9.7 (LK4T-4910)
 - SMP/E installable tape: Classic Access for CA-Datcom (JABIA19) 4
 - CD: License Information (LC27-4486)
- InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation - Data Masking Option, V9.1
 - SMP/E installable tape: Classic Fed/Rep/EP Core (Base) (HABIA10)
 - DVD Kit: Optim Data Masking Solution, V2.2 (LK4T-3404)
 - DVD: InfoSphere Optim Masking on Demand, V9.1 (LCD7-4859)
 - CD: License Information (LC27-4487)

Security, auditability, and control

The InfoSphere Optim family of products 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

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/>

Ordering information

Charge metric

PID number	Charge metric	Program Name
5655-DGA	Value Units	InfoSphere Optim Test Data Management

			Solution for z/OS - IMS/VSAM/SEQ
5655-DGA	Value Units		InfoSphere Optim Test Data Management Solution for z/OS - IMS/VSAM/SEQ - Data Masking Option
5655-DGB	Value Units		InfoSphere Optim Test Data Management Solution for z/OS - Adabas
5655-DGB	Value Units		InfoSphere Optim Test Data Management Solution for z/OS - Adabas - Data Masking Option
5655-DGC	Value Units		InfoSphere Optim Data Growth Solution for z/OS - IMS/VSAM/SEQ
5655-DGD	value Units		InfoSphere Optim Data Growth Solution for z/OS - Adabas
5655-DGE	Value Units		InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for Software AG Adabas
5655-DGE	Value Units		InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for CA-IDMS
5655-DGE	Value Units		InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for IMS/VSAM/SEQ
5655-DGE	value Units		InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for CA-Datacom
5655-DGF	Value Units		InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for Software AG Adabas
5655-DGF	Value Units		InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for IMS/VSAM/SEQ
5655-DGF	Value Units		InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation - Data Masking Option
5655-DGF	Value Units		InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for CA-Datacom
5655-DGF	value Units		InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for CA-IDMS

value		
unit	Program	
exhibit	number	Program Name

VUE007	5655-DGA	InfoSphere Optim Test Data Management Solution for z/OS - IMS/VSAM/SEQ
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VUE007	5655-DGA	InfoSphere Optim Test Data Management Solution for z/OS - IMS/VSAM/SEQ - Data Masking Option
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VUE007	5655-DGB	InfoSphere Optim Test Data Management Solution for z/OS - Adabas
VUE007	5655-DGB	InfoSphere Optim Test Data Management Solution for z/OS - Adabas - Data Masking Option
VUE007	5655-DGC	InfoSphere Optim Data Growth Solution for z/OS - IMS/VSAM/SEQ
VUE007	5655-DGD	InfoSphere Optim Data Growth Solution for z/OS - Adabas
VUE007	5655-DGE	InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for Software AG Adabas
VUE007	5655-DGE	InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for CA-IDMS
VUE007	5655-DGE	InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for IMS/VSAM/SEQ
VUE007	5655-DGE	InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for CA-Datacom
VUE007	5655-DGF	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for Software AG Adabas
VUE007	5655-DGF	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for IMS/VSAM/SEQ
VUE007	5655-DGF	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation - Data Masking Option
VUE007	5655-DGF	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for CA-Datacom
VUE007	5655-DGF	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for CA-IDMS

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 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>

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 Optim Test Data Management Solution for z/OS
 - IMS/VSAM/SEQ V9.1
 Program PID: 5655-DGA

Entitlement identifier	License option/ Pricing metric	Description
S0172G2	Basic OTC, per Value Unit	InfoSphere Optim Test Data Management Solution for z/OS - IMS/VSAM/SEQ
Orderable supply ID	Language	Distribution medium
S0172G4	English	3590 tape

Program name: InfoSphere Optim Test Data Management Solution for z/OS
 - IMS/VSAM/SEQ - Data Masking Option V9.1
 Program PID: 5655-DGA

Entitlement identifier	License option/ Pricing metric	Description
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S0172G5 Basic OTC, per Value Unit InfoSphere Optim Test Data Management Solution for z/OS - IMS/VSAM/SEQ - Data Masking Option

Orderable supply ID Language Distribution medium

S0172GL English 3590 tape

Program name: InfoSphere Optim Test Data Management Solution for z/OS - Adabas V9.1

Program PID: 5655-DGB

Entitlement License option/ identifier Pricing metric Description

S0172G8 Basic OTC, per Value Unit InfoSphere Optim Test Data Management Solution for z/OS - Adabas - Adabas

Orderable supply ID Language Distribution medium

S0172GB English DVD

Program name: InfoSphere Optim Test Data Management Solution for z/OS - Adabas - Data Masking Option V9.1

Program PID: 5655-DGB

Entitlement License option/ identifier Pricing metric Description

S0172GC Basic OTC, per Value Unit InfoSphere Optim Test Data Management Solution for z/OS - Adabas - Data Masking Option

Orderable supply ID Language Distribution medium

S0172GM English DVD

Program name: InfoSphere Optim Data Growth Solution for z/OS - IMS/VSAM/SEQ V9.1

Program PID: 5655-DGC

Entitlement License option/ identifier Pricing metric Description

S0172GF Basic OTC, per Value Unit InfoSphere Optim Data Growth Solution for z/OS - IMS/VSAM/SEQ

Orderable supply ID Language Distribution medium

S0172GG English DVD

Program name: InfoSphere Optim Data Growth Solution for z/OS - Adabas V9.1

Program PID: 5655-DGD

Entitlement License option/ identifier Pricing metric Description

S0172GJ Basic OTC, per Value Unit InfoSphere Optim Data Growth Solution for z/OS - Adabas

Orderable supply ID Language Distribution medium

S0172GK English DVD

Program name: InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for Software AG Adabas V9.1

Program PID: 5655-DGE

Entitlement License option/ identifier Pricing metric Description

S01734V Basic OTC, per InfoSphere Optim Data Growth
 Value Unit Solution for z/OS with Classic
 Federation for Software AG Adabas

Orderable supply ID Language Distribution medium

S01734M Multiple 3590 tape

Program name: InfoSphere Optim Data Growth Solution for z/OS with
 Classic Federation for CA-IDMS V9.1
 Program PID: 5655-DGE

Entitlement License option/
 identifier Pricing metric Description

S01734X Basic OTC, per InfoSphere Optim Data Growth
 Value Unit Solution for z/OS with Classic
 Federation for CA-IDMS

Orderable supply ID Language Distribution medium

S01734K Multiple 3590 tape

Program name: InfoSphere Optim Data Growth Solution for z/OS with Classic
 Federation for IMS/VSAM/SEQ V9.1
 Program PID: 5655-DGE

Entitlement License option/
 identifier Pricing metric Description

S01734W Basic OTC, per InfoSphere Optim Data Growth
 Value Unit Solution for z/OS with Classic
 Federation for IMS/VSAM/SEQ

Orderable supply ID Language Distribution medium

S01734L Multiple 3590 tape

Program name: InfoSphere Optim Data Growth Solution for z/OS with Classic
 Federation for CA-Datacom V9.1
 Program PID: 5655-DGE

Entitlement License option/
 identifier Pricing metric Description

S01734Z Basic OTC, per InfoSphere Optim Data Growth
 Value Unit Solution for z/OS with Classic
 Federation for CA-Datacom

Orderable supply ID Language Distribution medium

S01734J Multiple 3590 tape

Program name: InfoSphere Optim Test Data Management Solution for z/OS
 with Classic Federation for Software AG Adabas V9.1
 Program PID: 5655-DGF

Entitlement License option/
 identifier Pricing metric Description

S01735F Basic OTC, per InfoSphere Optim Test Data
 Value Unit Management Solution for z/OS with
 Classic Federation for
 Software AG Adabas

Orderable supply ID Language Distribution medium

S01734S Multiple 3590 tape

Program name: InfoSphere Optim Test Data Management Solution for z/OS with
 Classic Federation for IMS/VSAM/SEQ V9.1
 Program PID: 5655-DGF

Entitlement identifier	License option/ Pricing metric	Description
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S01735G	Basic OTC, per Value Unit	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for IMS/VSAM/SEQ
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Orderable supply ID	Language	Distribution medium
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S01734T	Multiple	3590 tape
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Orderable supply ID	Language	Distribution medium
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S01743B	Multiple	3590 tape
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Program name: InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation - Data Masking Option V9.1

Program PID: 5655-DGF

Entitlement identifier	License option/ Pricing metric	Description
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S01735B	Basic OTC, per Value Unit	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation - Data Masking Option
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Orderable supply ID	Language	Distribution medium
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S01734N	Multiple	3590 tape
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Program name: InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for CA-Datacom V9.1

Program PID: 5655-DGF

Entitlement identifier	License option/ Pricing metric	Description
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S01735C	Basic OTC, per Value Unit	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for CA-Datacom
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Orderable supply ID	Language	Distribution medium
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S01734P	Multiple	3590 tape
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Program name: InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for CA-IDMS V9.1

Program PID: 5655-DGF

Entitlement identifier	License option/ Pricing metric	Description
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S01735D	Basic OTC, per Value Unit	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for CA-IDMS
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Orderable supply ID	Language	Distribution medium
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S01734R	Multiple	3590 tape
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Subscription and Support PID: 5655-DG5

Entitlement identifier	License option/ Pricing metric	Description
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S016WJP	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Test Data Management Solution for z/OS - IMS/VSAM/SEQ S&S
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No charge,
decline SW S&S

Per MSU SW S&S
registration

Orderable supply ID	Language	Distribution medium
S016WJN	Multiple	Hardcopy Publication

Subscription and Support PID: 5655-DG5

Entitlement identifier	License option/ Pricing metric	Description
S016XCG	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Test Data Management Solution for z/OS - IMS/VSAM/SEQ - Data Masking Option S&S

No charge,
decline SW S&S

Per MSU SW S&S
registration

Orderable supply ID	Language	Distribution medium
S016XCH	Multiple	Hardcopy Publication

Subscription and Support PID: 5655-V20

Entitlement identifier	License option/ Pricing metric	Description
S01581R	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Test Data Management Solution for z/OS - Adabas S&S

No charge,
decline SW S&S

Per MSU SW S&S
registration

Orderable supply ID	Language	Distribution medium
S0157Z2	Multiple	Hardcopy Publication

Subscription and Support PID: 5655-V20

Entitlement identifier	License option/ Pricing metric	Description
S01581S	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Test Data Management Solution for z/OS - Adabas - Data Masking Option S&S

No charge,
decline SW S&S

Per MSU SW S&S
registration

Orderable supply ID	Language	Distribution medium
S015C9T	Multiple	Hardcopy Publication

Subscription and Support PID: 5655-V36

Entitlement License option/

identifier	Pricing metric	Description
S0159CT	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Data Growth Solution for z/OS - IMS/VSAM/SEQ S&S
	No charge, decline SW S&S	
	Per MSU SW S&S registration	

Orderable supply ID	Language	Distribution medium
S01580L	Multiple	Hardcopy Publication

Subscription and Support PID: 5655-V38

Entitlement identifier	License option/ Pricing metric	Description
S0157KC	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Data Growth Solution for z/OS - Adabas S&S
	No charge, decline SW S&S	
	Per MSU SW S&S registration	

Orderable supply ID	Language	Distribution medium
S0157K8	Multiple	Hardcopy Publication

Subscription and Support PID: 5655-DG1

Entitlement identifier	License option/ Pricing metric	Description
S016H3H	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for Software AG Adabas S&S
	No charge, decline SW S&S	
	Per MSU SW S&S registration	

Orderable supply ID	Language	Distribution medium
S016H39	Multiple	Hardcopy Publication

Subscription and Support PID: 5655-DG1

Entitlement identifier	License option/ Pricing metric	Description
S016H3G	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for CA-IDMS S&S
	No charge, decline SW S&S	
	Per MSU SW S&S registration	

Orderable supply ID	Language	Distribution medium
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S016H37 Multiple Hardcopy Publication

Subscription and Support PID: 5655-DG1

Entitlement identifier	License option/ Pricing metric	Description
S016H3K	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for IMS/VSAM/SEQ S&S
	No charge, decline SW S&S	
	Per MSU SW S&S registration	

Orderable supply ID Language Distribution medium

S016H3F Multiple Hardcopy Publication

Subscription and Support PID: 5655-DG1

Entitlement identifier	License option/ Pricing metric	Description
S016H3J	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for CA-Datacom
	No charge, decline SW S&S	
	Per MSU SW S&S registration	

Orderable supply ID Language Distribution medium

S016H3C Multiple Hardcopy Publication

Subscription and Support PID: 5655-TDS

Entitlement identifier	License option/ Pricing metric	Description
S016H4K	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for Software AG Adabas S&S
	No charge, decline SW S&S	
	Per MSU SW S&S registration	

Orderable supply ID Language Distribution medium

S016H4S Multiple Hardcopy Publication

Subscription and Support PID: 5655-TDS

Entitlement identifier	License option/ Pricing metric	Description
S016H4L	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for IMS/VSAM/SEQ S&S
	No charge, decline SW S&S	

Per MSU SW S&S
registration

Orderable supply ID	Language	Distribution medium
S016H4C	Multiple	Hardcopy Publication

Subscription and Support PID: 5655-TDS

Entitlement identifier	License option/ Pricing metric	Description
S016H4H	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation - Data Masking Option S&S

No charge,
decline SW S&S

Per MSU SW S&S
registration

Orderable supply ID	Language	Distribution medium
S016H47	Multiple	Hardcopy Publication

Subscription and Support PID: 5655-TDS

Entitlement identifier	License option/ Pricing metric	Description
S016H4J	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for CA-Datacom S&S

No charge,
decline SW S&S

Per MSU SW S&S
registration

Orderable supply ID	Language	Distribution medium
S016H49	Multiple	Hardcopy Publication

Subscription and Support PID: 5655-TDS

Entitlement identifier	License option/ Pricing metric	Description
S016H4G	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for CA-IDMS

No charge,
decline SW S&S

Per MSU SW S&S
registration

Orderable supply ID	Language	Distribution medium
S016H4F	Multiple	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.

On/Off CoD

Products listed below are eligible for On/Off CoD with a temporary use charge calculated based on MSUs per-day usage.

Program name:
InfoSphere Optim Test Data Management Solution for z/OS
- IMS/VSAM/SEQ V9.1
Program PID: 5655-DGA

Entitlement identifier	License option/ Pricing metric	Description
S0172G2	Basic OTC, per MSU-day TUC	InfoSphere Optim Test Data Management Solution for z/OS - IMS/VSAM/SEQ

Program name:
InfoSphere Optim Test Data Management Solution for z/OS
- IMS/VSAM/SEQ V9.1
Program PID: 5655-DGA

Entitlement identifier	License option/ Pricing metric	Description
S0172G5	Basic OTC, per MSU-day TUC	InfoSphere Optim Test Data Management Solution for z/OS - IMS/VSAM/SEQ

Program name:
InfoSphere Optim Test Data Management Solution for z/OS
- Adabas V9.1
Program PID: 5655-DGB

Entitlement identifier	License option/ Pricing metric	Description
S0172G8	Basic OTC, per MSU-day TUC	InfoSphere Optim Test Data Management Solution for z/OS - Adabas

Program name:
InfoSphere Optim Test Data Management Solution for z/OS
- Adabas V9.1
Program PID: 5655-DGB

Entitlement identifier	License option/ Pricing metric	Description
S0172GC	Basic OTC, per MSU-day TUC	InfoSphere Optim Test Data Management Solution for z/OS - Adabas

Program name:
InfoSphere Optim Data Growth Solution for z/OS
- IMS/VSAM/SEQ V9.1
Program PID: 5655-DGC

Entitlement identifier	License option/ Pricing metric	Description
S0172GF	Basic OTC, per MSU-day TUC	InfoSphere Optim Data Growth Solution for z/OS - IMS/VSAM/SEQ

Program name:
InfoSphere Optim Data Growth Solution for z/OS
- Adabas V9.1
Program PID: 5655-DGD

Entitlement identifier	License option/ Pricing metric	Description
S0172GJ	Basic OTC, per MSU-day TUC	InfoSphere Optim Data Growth Solution for z/OS - Adabas

Program name:
InfoSphere Optim Data Growth Solution for z/OS with Classic
Federation for Software AG Adabas V9.1
Program PID: 5655-DGE

Entitlement identifier	License option/ Pricing metric	Description
S01734V	Basic OTC, per MSU-day TUC	InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for Software AG Adabas

Program name:
InfoSphere Optim Data Growth Solution for z/OS with
Classic Federation for CA-IDMS V9.1
Program PID: 5655-DGE

Entitlement identifier	License option/ Pricing metric	Description
S01734X	Basic OTC, per MSU-day TUC	InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for CA-IDMS

Program name:
InfoSphere Optim Data Growth Solution for z/OS with Classic
Federation for IMS/VSAM/SEQ V9.1
Program PID: 5655-DGE

Entitlement identifier	License option/ Pricing metric	Description
S01734W	Basic OTC, per MSU-day TUC	InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for IMS/VSAM/SEQ

Program name:
InfoSphere Optim Data Growth Solution for z/OS with Classic
Federation for CA-Datacom V9.1
Program PID: 5655-DGE

Entitlement identifier	License option/ Pricing metric	Description
S01734Z	Basic OTC, per	InfoSphere Optim Data Growth Solution

MSU-day TUC for z/OS with Classic Federation
for CA-Datacom

Program name:
InfoSphere Optim Test Data Management Solution for z/OS
with Classic Federation for Software AG Adabas V9.1
Program PID: 5655-DGF

Entitlement identifier	License option/ Pricing metric	Description
S01735F	Basic OTC, per MSU-day TUC	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for Software AG Adabas

Program name:
InfoSphere Optim Test Data Management Solution for z/OS with
Classic Federation for IMS/VSAM/SEQ V9.1
Program PID: 5655-DGE

Entitlement identifier	License option/ Pricing metric	Description
S01735G	Basic OTC, per MSU-day TUC	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for IMS/VSAM/SEQ

Program name:
InfoSphere Optim Test Data Management Solution for z/OS with
Classic Federation - Data Masking Option V9.1
Program PID: 5655-DGF

Entitlement identifier	License option/ Pricing metric	Description
S01735B	Basic OTC, per MSU-day TUC	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation - Data Masking Option

Program name:
InfoSphere Optim Test Data Management Solution for z/OS
with Classic Federation for CA-Datacom V9.1
Program PID: 5655-DGF

Entitlement identifier	License option/ Pricing metric	Description
S01735C	Basic OTC, per MSU-day TUC	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for CA-Datacom

Program name:
InfoSphere Optim Test Data Management Solution for z/OS
with Classic Federation for CA-IDMS V9.1
Program PID: 5655-DGF

Entitlement identifier	License option/ Pricing metric	Description
S01735D	Basic OTC, per MSU-day TUC	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for CA-IDMS

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

Form number	Product number	Product name
GI13-2835	5655-DGA	InfoSphere Optim Test Data Management Solution for z/OS - IMS/VSAM/SEQ
GI13-2834	5655-DGA	InfoSphere Optim Test Data Management Solution for z/OS - IMS/VSAM/SEQ

		- Data Masking Option
GI13-2836	5655-DGB	InfoSphere Optim Test Data Management Solution for z/OS - Adabas
GI13-2837	5655-DGB	InfoSphere Optim Test Data Management Solution for z/OS - Adabas - Data Masking Option
GI13-2838	5655-DGC	InfoSphere Optim Data Growth Solution for z/OS - IMS/VSAM/SEQ
GI13-2839	5655-DGD	InfoSphere Optim Data Growth Solution for z/OS - Adabas
GI13-2827	5655-DGE	InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for Software AG Adabas
GI13-2825	5655-DGE	InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for CA-IDMS
GI13-2826	5655-DGE	InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for IMS/VSAM/SEQ
GI13-2824	5655-DGE	InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for CA-Datacom
GI13-2833	5655-DGF	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for Software AG Adabas
GI13-2832	5655-DGF	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for IMS/VSAM/SEQ
GI13-2829	5655-DGF	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation - Data Masking Option
GI13-2830	5655-DGF	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for CA-Datacom
GI13-2831	5655-DGF	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for CA-IDMS

These programs' 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

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

No

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.

Statement of good security practices

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 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

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Prices

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 Optim Test Data Management Solution for z/OS
- IMS/VSAM/SEQ V9.1
Program PID: 5655-DGA

Entitlement identifier	License option/ Pricing metric	Description
S0172G2	Basic OTC, per Value Unit	InfoSphere Optim Test Data Management Solution for z/OS IMS/VSAM/SEQ

Program name: InfoSphere Optim Test Data Management Solution for z/OS
- IMS/VSAM/SEQ V9.1
Program PID: 5655-DGA

Entitlement identifier	License option/ Pricing metric	Description
S0172G5	Basic OTC, per Value Unit	InfoSphere Optim Test Data Management Solution for z/OS - IMS/VSAM/SEQ - Data Masking Option

Program name: InfoSphere Optim Test Data Management Solution for z/OS
- Adabas V9.1
Program PID: 5655-DGB

Entitlement identifier	License option/ Pricing metric	Description
S0172G8	Basic OTC, per Value Unit	InfoSphere Optim Test Data Management Solution for z/OS - Adabas

Program name: InfoSphere Optim Test Data Management Solution for z/OS
- Adabas - Data Masking Option V9.1
Program PID: 5655-DGB

Entitlement identifier	License option/ Pricing metric	Description
S0172GC	Basic OTC, per Value Unit	InfoSphere Optim Test Data Management Solution for z/OS - Adabas - Data Masking Option

Program name: InfoSphere Optim Data Growth Solution for z/OS V9.1
Program PID: 5655-DGC

Entitlement identifier	License option/ Pricing metric	Description
S0172GF	Basic OTC, per Value Unit	InfoSphere Optim Data Growth Solution for z/OS - IMS/VSAM/SEQ

Program name: InfoSphere Optim Data Growth Solution for z/OS V9.1
Program PID: 5655-DGD

Entitlement identifier	License option/ Pricing metric	Description
S0172GJ	Basic OTC, per Value Unit	InfoSphere Optim Data Growth Solution for z/OS - Adabas

Program name: InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for Software AG Adabas V9.1

Program PID: 5655-DGE

Entitlement identifier	License option/ Pricing metric	Description
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S01734V	Basic OTC, per Value Unit	InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for Software AG Adabas
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Program name: InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for CA-IDMS V9.1
Program PID: 5655-DGE

Entitlement identifier	License option/ Pricing metric	Description
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S01734X	Basic OTC, per Value Unit	InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for CA-IDMS
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Program name: InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for IMS/VSAM/SEQ V9.1
Program PID: 5655-DGE

Entitlement identifier	License option/ Pricing metric	Description
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S01734W	Basic OTC, per Value Unit	InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for IMS/VSAM/SEQ
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Program name: InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for CA-Datacom V9.1
Program PID: 5655-DGE

Entitlement identifier	License option/ Pricing metric	Description
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S01734Z	Basic OTC, per Value Unit	InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for CA-Datacom
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Program name: InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for Software AG Adabas V9.1
Program PID: 5655-DGF

Entitlement identifier	License option/ Pricing metric	Description
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S01735F	Basic OTC, per Value Unit	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for Software AG Adabas
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Program name: InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for IMS/VSAM/SEQ V9.1
Program PID: 5655-DGF

Entitlement identifier	License option/ Pricing metric	Description
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S01735G	Basic OTC, per Value Unit	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for IMS/VSAM/SE
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Program name: InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation - Data Masking Option V9.1
Program PID: 5655-DGF

Entitlement identifier	License option/ Pricing metric	Description
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S01735B	Basic OTC, per Value Unit	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation - Data Masking Option
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Program name: InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for CA-Datacom V9.1
Program PID: 5655-DGF

Entitlement identifier	License option/ Pricing metric	Description
S01735C	Basic OTC, per Value Unit	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for CA-Datacom

Program name: InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for CA-IDMS V9.1
Program PID: 5655-DGF

Entitlement identifier	License option/ Pricing metric	Description
S01735D	Basic OTC, per Value Unit	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for CA-IDMS

Subscription and Support PID: 5655-DG5

Entitlement identifier	License option/ Pricing metric	Description
S016WJP	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Test Data Management Solution for z/OS IMS/VSAM/SEQ S&S
	No charge, decline SW S&S	
	Per MSU SW S&S registration	

Subscription and Support PID: 5655-DG5

Entitlement identifier	License option/ Pricing metric	Description
S016XCG	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Test Data Management Solution for z/OS IMS/VSAM/SEQ - Data Masking Option S&S
	No charge, decline SW S&S	
	Per MSU SW S&S registration	

Subscription and Support PID: 5655-V20

Entitlement identifier	License option/ Pricing metric	Description
S01581R	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Test Data Management Solution for z/OS - Adabas S&S
	No charge, decline SW S&S	
	Per MSU SW S&S registration	

Subscription and Support PID: 5655-V20

Entitlement identifier	License option/ Pricing metric	Description
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S01581S Basic ASC, per InfoSphere Optim Test Data Management
 Value Unit Solution for z/OS - Adabas
 SW S&S - Data Masking Option S&S

No charge,
 decline SW S&S

Per MSU SW S&S
 registration

Subscription and Support PID: 5655-V36

Entitlement identifier	License option/ Pricing metric	Description
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S0159CT Basic ASC, per InfoSphere Optim Data Growth Solution
 Value Unit for z/OS - IMS/VSAM/SEQ S&S
 SW S&S

No charge,
 decline SW S&S

Per MSU SW S&S
 registration

Subscription and Support PID: 5655-V38

Entitlement identifier	License option/ Pricing metric	Description
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S0157KC Basic ASC, per InfoSphere Optim Data Growth Solution
 Value Unit for z/OS - Adabas S&S
 SW S&S

No charge,
 decline SW S&S

Per MSU SW S&S
 registration

Subscription and Support PID: 5655-DG1

Entitlement identifier	License option/ Pricing metric	Description
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S016H3H Basic ASC, per InfoSphere Optim Data Growth Solution
 Value Unit for z/OS with Classic Federation
 SW S&S for Software AG Adabas S&S

No charge,
 decline SW S&S

Per MSU SW S&S
 registration

Subscription and Support PID: 5655-DG1

Entitlement identifier	License option/ Pricing metric	Description
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S016H3G Basic ASC, per InfoSphere Optim Data Growth Solution
 Value Unit for z/OS with Classic Federation
 SW S&S for CA-IDMS S&S

No charge,
 decline SW S&S

Per MSU SW S&S
 registration

Subscription and Support PID: 5655-DG1

Entitlement identifier	License option/ Pricing metric	Description
S016H3K	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for IMS/VSAM/SEQ S&S
	No charge, decline SW S&S	
	Per MSU SW S&S registration	

Subscription and Support PID: 5655-DG1

Entitlement identifier	License option/ Pricing metric	Description
S016H3J	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Data Growth Solution for z/OS with Classic Federation for CA-Datacom
	No charge, decline SW S&S	
	Per MSU SW S&S registration	

Subscription and Support PID: 5655-TDS

Entitlement identifier	License option/ Pricing metric	Description
S016H4K	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for Software AG Adabas S&S
	No charge, decline SW S&S	
	Per MSU SW S&S registration	

Subscription and Support PID: 5655-TDS

Entitlement identifier	License option/ Pricing metric	Description
S016H4L	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for IMS/VSAM/SEQ S&S
	No charge, decline SW S&S	
	Per MSU SW S&S registration	

Subscription and Support PID: 5655-TDS

Entitlement identifier	License option/ Pricing metric	Description
S016H4H	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation - Data Masking Option S&S

No charge,
decline SW S&S

Per MSU SW S&S
registration

Subscription and Support PID: 5655-TDS

Entitlement identifier	License option/ Pricing metric	Description
S016H4J	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for CA-Datacom S&S

No charge,
decline SW S&S

Per MSU SW S&S
registration

Subscription and Support PID: 5655-TDS

Entitlement identifier	License option/ Pricing metric	Description
S016H4G	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Test Data Management Solution for z/OS with Classic Federation for CA-IDMS

No charge,
decline SW S&S

Per MSU SW S&S
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Corrections

(Corrected on October 22, 2012)

In Ordering information added orderable supply ID S01743B under entitlement ID number S01735G.