



IBM InfoSphere Optim Test Data Management Solution and Data Growth Solution for DB2 for z/OS , V7.1 deliver data management solutions

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At a glance

The InfoSphere™ Optim™ Data Growth Solution for DB2® for z/OS® is a data archiving solution that creates a permanent, unchangeable archive copy of related production data across multiple data sources. It allows deletion of some or all of the archived data, permits restoring archived data to production, and provides universal access to data in archive files.

InfoSphere Optim Test Data Management Solution for DB2 for z/OS is a data subsetting solution that extracts data from production systems and sends it to development, test, and training systems on demand, helping to improve test quality, and supporting efforts to reduce time and cost.

The following enhancements were previously made available in Optim V6.1 and V6.1.1 via maintenance:

- Enhanced support for DB2 data
- Create Utility support for tables with more than 254 partitions
- Support for SQL statements longer than 32 KB
- Enhanced support for IMS™ data
- Archive and Extract file compression
- Optim Archive and Extract files to be stored in large and extended z/OS sequential data sets
- A new batch utility for the creation of legacy (IMS/VSAM/Sequential) tables

In addition, the Optim SEQ and RAND functions can generate larger values, up to values represented in a 64-bit integer, and a remote location can be specified on ADB2xxxx utilities.

What's new in V7.1:

- Toleration support for DB2 10 for z/OS
- Performance upgrade, as measured in CPU time and elapsed time, across all major functions
- Easier installation and maintenance using IBM® installation tool SMP/E for z/OS

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

Overview

The Optim family of products for z/OS delivers data management solutions with a focus on:

- Data growth, providing tested capabilities to archive historical transaction records from mission-critical DB2 applications.

Application data is more safely relocated to a more secure archive, supporting efforts to streamline the production database and reduce processing overhead.

You retain universal access to archived information. The Optim Data Growth Solution for z/OS helps support efforts to improve application performance, lower IT costs, and support data retention compliance programs.

- Test data management, allowing you to create more realistic, right-sized test databases, edit data to force error and boundary conditions, and compare baseline data against successive test results to help pinpoint application errors that could otherwise go undetected.

Streamlining test data management can help improve quality, speed iterative testing tasks, and accelerate revenue generation.

- Data privacy, providing organizations the ability to de-identify, mask, and transform sensitive data.

For more information on the IBM Optim family of products, visit

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

Key prerequisites

z/OS V1.10 (5694-A01), or later

One of the following:

- DB2 10.1 for z/OS (5605-DB2)
- DB2 9.1 for z/OS (5635-DB2)
- DB2 8.1 for z/OS (5625-DB2)

Planned availability date

February 25, 2011

Description

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

Value Unit-based pricing

Value Unit pricing for eligible IBM System z® IBM International Program License Agreement (IPLA) programs enables a lower cost of incremental growth and enterprise aggregation. Each System z IPLA product with Value Unit pricing has a single price per Value Unit and a conversion matrix, called *Value Unit Exhibit*, for converting from some designated measurement to Value Units. Most commonly, Millions of Service Units (MSUs) is the measurement designated by IBM to be

converted to Value Units. Some other measurements are engines or messages. Since MSUs are the most common measurement, that measurement will be used for the remainder of this description.

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

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

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

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

To simplify conversion from the designated measurement to Value Units or vice-versa, use the Value Unit Converter Tool. For additional information or to obtain a copy of the Value Unit Converter Tool, visit the Value Unit Converter Tool website

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

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

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

Program number

Program number	VRM	Program name
5655-v03	v7.1	InfoSphere Optim Move for DB2 for z/OS
5655-w81	v7.1	InfoSphere Optim Move for DB2 for z/OS S&S
5655-v04	v7.1	InfoSphere Optim Move for IMS/VSAM/SEQ
5655-w82	v7.1	InfoSphere Optim Move for IMS/VSAM/SEQ S&S
5655-v05	v7.1	InfoSphere Optim Test Data Management Solution for DB2 for z/OS
5655-w80	v7.1	InfoSphere Optim Test Data Management Solution for DB2 for z/OS S&S
5655-v06	v7.1	InfoSphere Optim Data Growth Solution for DB2

for z/OS

5655-w79 V7.1 InfoSphere Optim Data
Growth Solution for DB2
for z/OS S&S

Product identification number

Program PID number	Subscription and Support PID number
5655-v03	5655-w81
5655-v04	5655-w82
5655-v05	5655-w80
5655-v06	5655-w79

Education support

Available from IBM training, the newest offerings to 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. IBM has 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, the eLearning portfolio offers something for every need and every budget; simply select the style that suits you.

Be sure to take advantage of IBM 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.

Check your local Information Management Training and Education website or with your training representative for the most recent training schedule.

The following classes are available:

Course title	Course code
Configuring and Using IBM Optim Data Growth for Archiving on z/OS	DT80, classroom 3T80, instructor-led online
Configuring and Using IBM Optim Test Data Management for z/OS	DT82, classroom 3T82, instructor-led online

IBM training provides education to support many IBM offerings. Descriptions of courses for IT professionals and managers are on the IBM training website at

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

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

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=211-031>

Publications

All product publications are provided in softcopy format on the product CD-ROMs and DVDs. In addition, a hardcopy License Information document and Program Directory are provided.

Technical information

Specified operating environment

Hardware requirements

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

Software requirements

All software requirements are available at

<http://www.ibm.com/support/docview.wss?uid=swg27020270>

The specifications and specified operating environment information for the programs 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

InfoSphere Optim Data Growth Solution for DB2 for z/OS (5655-V06)

- SMP/E-installable tape: InfoSphere Optim solutions for z/OS, V7.1
- CD: Optim Solution for z/OS, V7.1 publications (LCD7-4754)
- DVD/CD Kit: Optim C/S, V7.3 (LK4T-3116)
- DVD Kit: Optim Designer, V2.2 (LK4T-3118)
- DVD Kit: Optim Manager, V2.2 (LK4T-3197)
- DVD Kit: InfoSphere Data Architect, V7.5.2 (LK4T-3119)
- DVD Kit: Mashup Center, V2.0.0.2 (LK4T-3518)
- IBM standard IPLA license (Z125-3301)
- Hardcopy License Information (GI13-1809)
- Program Directory (GI11-9322)

InfoSphere Optim Test Data Management Solution for DB2 for z/OS (5655-V05)

- SMP/E-installable tape: InfoSphere Optim solutions for z/OS, V7.1
- CD: Optim Solution for z/OS, V7.1 publications (LCD7-4754)
- DVD/CD Kit: Optim C/S, V7.3 (LK4T-3116)
- DVD Kit: Optim Designer, V2.2 (LK4T-3118)
- DVD Kit: Optim Manager, V2.2 (LK4T-3197)
- DVD Kit: InfoSphere Data Architect, V7.5.2 (LK4T-3119)
- IBM standard IPLA license (Z125-3301)
- Hardcopy License Information (GI13-1810)
- Program Directory (GI11-9322)

InfoSphere Optim Test Data Management Solution for DB2 for z/OS - Data Masking Option (5655-V05)

- SMP/E-installable tape: InfoSphere Optim solutions for z/OS, V7.1
- IBM standard IPLA license (Z125-3301)
- Hardcopy License Information (GI13-1811)
- Program Directory (GI11-9322)
- DVD Kit: Data Privacy V2.1 (LK4T-3404)

InfoSphere Optim Move for DB2 for z/OS (5655-V03)

- SMP/E-installable tape: InfoSphere Optim solutions for z/OS, V7.1
- CD: Optim Solution for z/OS, V7.1 publications (LCD7-4754)
- IBM standard IPLA license (Z125-3301)
- Hardcopy License Information (GI13-1812)
- Program Directory (GI11-9322)

InfoSphere Optim Move for DB2 for z/OS - Data Masking Option (5655-V03)

- SMP/E-installable tape: InfoSphere Optim solutions for z/OS, V7.1
- IBM standard IPLA license (Z125-3301)
- Hardcopy License Information (GI13-1813)
- Program Directory (GI11-9322)
- DVD Kit: Data Privacy V2.1 (LK4T-340)

InfoSphere Optim Move for IMS/VSAM/SEQ (5655-V04)

- SMP/E-installable tape: InfoSphere Optim solutions for z/OS, V7.1
- CD: InfoSphere Optim Solution for z/OS, V7.1 publications (LCD7-4754)
- IBM standard IPLA license (Z125-3301)
- Hardcopy License Information (GI13-1814)
- Program Directory (GI11-9322)
- DVD/CD Kit: Optim C/S, V7.3 (LK4T-3116)
- DVD Kit: InfoSphere Classic Federation Server, V9.5 (LK5T-7328)
- SMP/E installable tape: InfoSphere Classic Federation Server, V9. 5
- InfoSphere Classic Federation Server License Information (GC19-1114)
- InfoSphere Classic Federation Server Program Directory (GI10-8750)
- DVD Kit: InfoSphere Classic Federation Server, V9.7 (LK4T-4908)
- SMP/E installable tape: InfoSphere Classic Federation Server for IMS V9.5
- DVD Kit: InfoSphere Classic Federation Server Client V9.7 (LK4T-4909)

- CD/DVD Kit: Data Server Runtime Client, V9.7 (LK4T-4910)
- SMP/E installable tape: InfoSphere Classic Federation Server for VSAM V9.5

InfoSphere Optim Move for IMS/VSAM/SEQ - Data Masking Option (5655-V04)

- SMP/E-installable tape: InfoSphere Optim solutions for z/OS, V7.1
- IBM standard IPLA license (Z125-3301)
- Hardcopy License Information (GI13-1815)
- Program Directory (GI11-9322)
- DVD Kit: Data Privacy V2.1 (LK4T-3404)

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

Licensees of Version 6 of the Optim Solutions for z/OS who are current on Software Subscription and Support (Software Maintenance) are entitled to receive the corresponding Version 7 product free of charge, as indicated in the following table. Software Subscription and Support Charges will continue to apply. Licensees must have their license upgraded from the Version 6 product (and its corresponding Subscription and Support) to the Version 7 product (and its Subscription and Support) on an individual basis. Contact your IBM representative for details on the necessary steps to obtain Proof of Entitlement to the Version 7 product.

Existing v6 product	Corresponding v7 product
5655-V29 Optim Data Growth Solution for z/OS	5655-V06 InfoSphere Optim Data Growth Solution for DB2 for z/OS
5655-V30 Optim Data Growth Solution for z/OS S&S	5655-W79 InfoSphere Optim Data Growth Solution for DB2 for z/OS S&S
5655-V11 Optim Test Data Management Solution for z/OS	5655-V05 InfoSphere Optim Test Data Management Solution for DB2 for z/OS
5655-V12 Optim Test Data Management Solution for z/OS S&S	5655-W80 InfoSphere Optim Test Data Management Solution for DB2 for z/OS S&S
5655-V11 Optim Test Data	5655-V05 InfoSphere Optim Test Data

	Management Solution Data Privacy Option for z/OS		Management Solution for DB2 for z/OS - Data Masking Option
5655-V12	Optim Test Data Management Solution Data Privacy Option for z/OS S&S	5655-W80	InfoSphere Optim Test Data Management Solution for DB2 for z/OS S&S - Data Masking Option
5655-V07	Optim Move for DB2	5655-V03	InfoSphere Optim Move for DB2 for z/OS
5655-V08	Optim Move for DB2 S&S	5655-W81	InfoSphere Optim Move for DB2 for z/OS S&S
5655-V07	Optim Move for DB2 - Data Privacy Option	5655-V03	InfoSphere Optim Move for DB2 for z/OS - Data Masking Option
5655-V08	Optim Move for DB2 - Data Privacy Option S&S	5655-W81	InfoSphere Optim Move for DB2 for z/OS - Data Masking Option S&S
5655-V09	Optim Move for Legacy	5655-V04	InfoSphere Optim Move for IMS/VSAM/SEQ
5655-V10	Optim Move for Legacy S&S	5655-W82	InfoSphere Optim Move for IMS/VSAM/SEQ S&S
5655-V09	Optim Move for Legacy - Data Privacy Option	5655-V04	InfoSphere Optim Move for IMS/VSAM/SEQ - Data Masking Option
5655-V10	Optim Move for Legacy - Data Privacy Option S&S	5655-W82	InfoSphere Optim Move for IMS/VSAM/SEQ - Data Masking Option S&S

PID	Charge	
number	metric	Program name

5655-V03	value Units	InfoSphere Optim Move for DB2 for z/OS
5655-V04	value Units	InfoSphere Optim Move for IMS/VSAM/SEQ
5655-V05	value Units	InfoSphere Optim Test Data Management Solution for DB2 for z/OS
5655-V06	value Units	InfoSphere Optim Data Growth Solution for DB2 for z/OS

Value	Program	
unit	number	Program name
exhibit		
VUE007	5655-V03	InfoSphere Optim Move for DB2 for z/OS
VUE007	5655-V04	InfoSphere Optim Move for IMS/VSAM/SEQ
VUE007	5655-V05	InfoSphere Optim Test Data Management Solution for DB2 for z/OS
VUE007	5655-V06	InfoSphere Optim Data Growth Solution for DB2 for z/OS

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
P3000 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

Basic license

On/Off CoD

All products in this announcement are eligible for On/Off CoD with a temporary use charge calculated based on MSUs per-day usage.

Program name:
 InfoSphere Optim Move for DB2 for z/OS, v7.1
 Program PID: 5655-V03

Entitlement identifier	License option/ Pricing metric	Description
-		
S015RRG	Basic OTC, per MSU-day TUC	InfoSphere Optim Move for DB2 for z/OS

Program name:
InfoSphere Optim Move for DB2 for z/OS
- Data Masking Option, V7.1
Program PID: 5655-V03

Entitlement identifier	License option/ Pricing metric	Description
S015RRF	Basic OTC, per MSU-day TUC	InfoSphere Optim Move for DB2 for z/OS - Data Masking Option

Program name:
InfoSphere Optim Move for IMS/VSAM/SEQ, V7.1
Program PID: 5655-V04

Entitlement identifier	License option/ Pricing metric	Description
S015RRJ	Basic OTC, per MSU-day TUC	InfoSphere Optim Move for IMS/VSAM/SEQ

Program name:
InfoSphere Optim Move for IMS/VSAM/SEQ
- Data Masking Option, V7.1
Program PID: 5655-V04

Entitlement identifier	License option/ Pricing metric	Description
S015RRH	Basic OTC, per MSU-day TUC	InfoSphere Optim Move for IMS/VSAM/SEQ - Data Masking Option

Program name:
InfoSphere Optim Test Data Management Solution for DB2
for z/OS, V7.1
Program PID: 5655-V05

Entitlement identifier	License option/ Pricing metric	Description
S016NC9	Basic OTC, per MSU-day TUC	InfoSphere Optim Test Data Management Solution for DB2 for z/OS

Program name:
InfoSphere Optim Test Data Management Solution for DB2
for z/OS - Data Masking Option, V7.1
Program PID: 5655-V05

Entitlement identifier	License option/ Pricing metric	Description
S015RRT	Basic OTC, per MSU-day TUC	InfoSphere Optim Test Data Management Solution for DB2 for z/OS - Data Masking Option

Program name:
InfoSphere Optim Data Growth Solution for DB2
for z/OS, V7.1
Program PID: 5655-V06

Entitlement identifier	License option/ Pricing metric	Description
S016NBZ	Basic OTC, per MSU-day TUC	InfoSphere Optim Data Growth Solution for DB2 for z/OS

Translation from MSUs to Value Units

	MSUS	Value Units/MSU
Base	1-3	x.xx
Tier A	4-45	x.xx
Tier B	46-175	x.xx
Tier C	176-315	x.xx
Tier D	316+	x.xx

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 Move for DB2 for z/OS,
 V7.1
 Program PID: 5655-V03

Entitlement identifier	License option/ Pricing metric	Description
S015RRG	Basic OTC, per Value Unit	InfoSphere Optim Move for DB2 for z/OS
Orderable supply ID	Language	Distribution medium
S015RRC	English	Tape

Program name:
 InfoSphere Optim Move for DB2 for z/OS
 V7.1
 Subscription and Support PID: 5655-w81

Entitlement identifier	License option/ Pricing metric	Description
S016NCP	Basic ASC, per Value Unit SW S&S Per MSU SW S&S registration No charge, decline SW S&S	InfoSphere Optim Move for DB2 for z/OS S&S
Orderable supply ID	Language	Distribution medium
S016NCL	English	Hardcopy pub

Program name:
 InfoSphere Optim Move for DB2 for z/OS
 - Data Masking Option, V7.1
 Program PID: 5655-V03

Entitlement identifier	License option/ Pricing metric	Description
S015RRF	Basic OTC, per Value Unit	InfoSphere Optim Move for DB2 for z/OS - Data Masking Option
Orderable supply ID	Language	Distribution medium
S016NCJ	English	Tape

Program name:
 InfoSphere Optim Move for DB2 for z/OS
 - Data Masking Option, V7.1

Subscription and Support PID: 5655-w81

Entitlement identifier	License option/ Pricing metric	Description
S016NCR	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Move for DB2 for z/OS - Data Masking Option S&S
	Per MSU SW S&S registration	
	No charge, decline SW S&S	

Orderable supply ID	Language	Distribution medium
S016NCN	English	Hardcopy pub

Program name:
InfoSphere Optim Move for IMS/VSAM/SEQ, V7.1
Program PID: 5655-v04

Entitlement identifier	License option/ Pricing metric	Description
S015RRJ	Basic OTC, per Value Unit	InfoSphere Optim Move for IMS/VSAM/SEQ

Orderable supply ID	Language	Distribution medium
S015RRM	English	Tape - InfoSphere Optim Move for IMS/VSAM/SEQ
S016NWZ	English	Tape - InfoSphere Classic Federation Server for z/OS components of InfoSphere Optim Move for IMS/VSAM/SEQ

Program name:
InfoSphere Optim Move for IMS/VSAM/SEQ, V7.1
Subscription and Support PID: 5655-w82

Entitlement identifier	License option/ Pricing metric	Description
S016NCT	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Move for IMS/VSAM/SEQ S&S
	Per MSU SW S&S registration	
	No charge, decline SW S&S	

Orderable supply ID	Language	Distribution medium
S016NCX	English	Hardcopy pub

Program name:
InfoSphere Optim Move for IMS/VSAM/SEQ - Data Masking Option, V7.1
Program PID: 5655-v04

Entitlement identifier	License option/ Pricing metric	Description
S015RRH	Basic OTC, per Value Unit	InfoSphere Optim Move for IMS/VSAM/SEQ

- Data Masking Option

Orderable supply ID	Language	Distribution medium
S016NCS	English	Tape

Program name:
 InfoSphere Optim Move for IMS/VSAM/SEQ
 - Data Masking Option, V7.1
 Subscription and Support PID: 5655-w82

Entitlement identifier	License option/ Pricing metric	Description
S016NCV	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Move for IMS/VSAM/SEQ - Data Masking Option S&S
	Per MSU SW S&S registration	
	No charge, decline SW S&S	

Orderable supply ID	Language	Distribution medium
S016ND0	English	Hardcopy pub

Program name:
 InfoSphere Optim Test Data Management Solution for DB2 for z/OS, V7.1
 Program PID: 5655-v05

Entitlement identifier	License option/ Pricing metric	Description
S016NC9	Basic OTC, per Value Unit	InfoSphere Optim Test Data Management Solution for DB2 for z/OS

Orderable supply ID	Language	Distribution medium
S015RRS	English	Tape

Program name:
 InfoSphere Optim Test Data Management Solution for DB2 for z/OS, V7.1
 Subscription and Support PID: 5655-w80

Entitlement identifier	License option/ Pricing metric	Description
S016NCG	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Test Data Management Solution for DB2 for z/OS S&S
	Per MSU SW S&S registration	
	No charge, decline SW S&S	

Orderable supply ID	Language	Distribution medium
S016NCC	English	Hardcopy pub

Program name:
 InfoSphere Optim Test Data Management Solution for DB2 for z/OS - Data Masking Option, V7.1
 Program PID: 5655-v05

Entitlement identifier	License option/ Pricing metric	Description
S015RRT	Basic OTC, per Value Unit	InfoSphere Optim Test Data Management Solution for DB2 for z/OS - Data Masking Option

Orderable supply ID	Language	Distribution medium
S016NC8	English	Tape

Program name:
InfoSphere Optim Test Data Management Solution for DB2
for z/OS - Data Masking Option, V7.1
Subscription and Support PID: 5655-W80

Entitlement identifier	License option/ Pricing metric	Description
S016NCH	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Test Data Management Solution for DB2 for z/OS - Data Masking Option S&S

Per MSU SW S&S
registration

No charge,
decline SW S&S

Orderable supply ID	Language	Distribution medium
S016NCF	English	Hardcopy pub

Program name:
InfoSphere Optim Data Growth Solution for DB2
for z/OS, V7.1
Program PID: 5655-V06

Entitlement identifier	License option/ Pricing metric	Description
S016NBZ	Basic OTC, per Value Unit	InfoSphere Optim Data Growth Solution for DB2 for z/OS

Orderable supply ID	Language	Distribution medium
S015RT1	English	Tape

Program name:
InfoSphere Optim Data Growth Solution for DB2
for z/OS, V7.1
Subscription and Support PID: 5655-W79

Entitlement identifier	License option/ Pricing metric	Description
S016NC7	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Data Growth Solution for DB2 for z/OS S&S

Per MSU SW S&S
registration

No charge,
decline SW S&S

Orderable supply ID	Language	Distribution medium
S016NBX	English	Hardcopy pub

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.

Customized Offerings

Product deliverables are shipped only via CBPDO, ServerPac, and 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.

License Information form numbers

Form number	Product number	Product name
GI13-1812	5655-v03	InfoSphere Optim Move for DB2 for z/OS
GI13-1813	5655-v03	InfoSphere Optim Move for DB2 for z/OS - Data Masking Option
GI13-1814	5655-v04	InfoSphere Optim Move for IMS/VSAM/SEQ
GI13-1815	5655-v04	InfoSphere Optim Move for IMS/VSAM/SEQ - Data Masking Option
GI13-1810	5655-v05	InfoSphere Optim Test Data Management Solution for DB2 for z/OS
GI13-1811	5655-v05	InfoSphere Optim Test Data Management Solution for DB2 for z/OS - Data Masking Option
GI13-1809	5655-v06	InfoSphere Optim Data Growth Solution for DB2 for z/OS

The 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

Usage restrictions

Yes. For information on usage restrictions, refer to the License Information document that is available for each product on the IBM Software License Agreement website

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

Software Subscription and Support applies

No. For operating system software, the revised IBM Operational Support Services - SoftwareXcel offering will provide support for those operating systems and associated products that are not available with the Software Subscription and Support (Software Maintenance) offering.

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

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

IBM Operational Support Services -- SoftwareXcel

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 terms and conditions

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

For more information on the Value Unit Exhibit for the System z IPLA program you selected, refer to the [Ordering information](#) section.

Program number	Program name	Terms	Parent, if applicable
5655-V03	InfoSphere Optim Move for DB2 for z/OS	Reference based to DB2	5625-DB2 5635-DB2 5605-DB2 5697-N29 5697-P12 5697-P31
5655-V04	InfoSphere Optim Move for ISAM/VSAM/SEQ	z/OS-based	N/A
5655-V05	InfoSphere Optim Test Data Management for DB2 for z/OS	Reference based to DB2	5625-DB2 5635-DB2 5605-DB2 5697-N29 5697-P12 5697-P31
5655-V06	InfoSphere Optim Data Growth Solution for DB2 for z/OS	Reference based to DB2	5625-DB2 5635-DB2 5605-DB2 5697-N29 5697-P12 5697-P31

Full-capacity mainframes

In cases where full capacity is applicable, the following terms apply.

Execution based, z/OS based, full machine based: The required capacity of a System z IPLA program with these terms equals the MSU-rated capacity of the machines where the System z IPLA program executes.

For more information on mainframe MSU-rated capacities, visit

<http://www-1.ibm.com/servers/eserver/zseries/library/swpriceinfo/>

Reference based: The required license capacity of a System z IPLA program with these terms equals the license capacity of the applicable monthly license charge (MLC) program. This MLC program is called the *parent program*.

Sub-capacity mainframes

In cases where sub-capacity is applicable, the following terms apply.

Execution based: The required capacity of a System z IPLA sub-capacity program with these terms equals the capacity of the LPARs where the System z IPLA program executes.

z/OS based: The required license capacity of a System z IPLA program with these terms equals the license capacity of z/OS on the machines where the System z IPLA program executes.

Reference based: The required license capacity of a System z IPLA program with these terms equals the license capacity of the applicable monthly license charge (MLC) program. This MLC program is called the *parent program*.

Full machine based: The required license capacity of a System z IPLA program with full machine based terms equals the MSU-rated capacity of the machines where the System z IPLA program executes.

For more information on mainframe MSU-rated capacities, refer to *The IBM System z Machines Exhibit, Z125-3901*, or visit the Mainframes section of the System z Exhibits website

<http://ibm.com/zseries/library/swpriceinfo/>

For additional information for products with reference-based terms, System z IPLA sub-capacity programs with reference-based terms adds value to the parent program across the environment, regardless of where in the environment the System z IPLA program executes.

An environment is defined as either a single or stand-alone machine or a qualified Parallel Sysplex®. You may have one or more different environments across the enterprise. To determine the required license capacity for each System z IPLA program with referenced-based terms, each environment should be assessed separately.

When a System z IPLA sub-capacity program with reference-based terms is used in a qualified Parallel Sysplex environment, the required license capacity of the System z IPLA program must equal with the license capacity of the parent program across the Parallel Sysplex. Qualified Parallel Sysplex refers to one:

- Where MLC pricing is aggregated across the sysplex

Sub-capacity eligibility

To be eligible for sub-capacity charging on select System z IPLA programs, you must first implement and comply with all terms of either sub-capacity Workload License Charges (WLC) or sub-capacity Entry Workload License Charges (EWLC). To implement sub-capacity WLC or EWLC, a machine must be System z (or equivalent). On that machine:

- All instances of the OS/390® operating system must be migrated to the z/OS operating systems.

- Any licenses for the OS/390 operating system must be discontinued
- All instances of the z/OS operating systems must be running in z/Architecture® (64-bit) mode.

For that machine, you must create and submit a Sub-Capacity Report to IBM each month. Sub-Capacity Reports must be generated using the Sub-Capacity Reporting Tool (SCRT). For additional information or to obtain a copy of SCRT, visit the System z Software Pricing website

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

You must comply with all of the terms of the WLC or EWLC offering, whichever is applicable:

- The complete terms and conditions of sub-capacity WLC are defined in the IBM Customer Agreement - Attachment for System z Workload License Charges (Z125-6516).
- The complete terms and conditions for sub-capacity EWLC are defined in the IBM Customer Agreement - Attachment for IBM System z 890 and 800 License Charges (Z125-6587).

Additionally, you must sign and comply with the terms and conditions specified in the amendment to the IPLA contract - *Amendment for IBM System z9® and System z Programs Sub-Capacity Pricing* (Z125-6929). Once the amendment is signed, the terms in the amendment replace any and all previous System z IPLA sub-capacity terms and conditions.

IBM Getting Started Sub-capacity Pricing for z/OS IPLA Software applies.

Sub-capacity utilization determination

For 5655-V04, 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).

For 5655-V03, 5655-V05, and 5655-V06, sub-capacity utilization is determined based on the utilization of a sub-capacity eligible reference product and machine.

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.

Information on charges is available at

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

Choose the option entitled Purchase/upgrade tools.

Program name:
InfoSphere Optim Move for DB2 for z/OS, v7.1
Program PID: 5655-V03

Entitlement identifier	License option/ Pricing metric	Description
S015RRG	Basic OTC, per value Unit	InfoSphere Optim Move for DB2 for z/OS
	Basic OTC, per MSU-day TUC	

Program name:
InfoSphere Optim Move for DB2 for z/OS, v7.1
Subscription and Support PID: 5655-W81

Entitlement identifier	License option/ Pricing metric	Description
S016NCP	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Move for DB2 for z/OS S&S
	Per MSU SW S&S registration	
	No charge, decline SW S&S	

Program name:
InfoSphere Optim Move for DB2 for z/OS
- Data Masking Option, v7.1
Program PID: 5655-V03

Entitlement identifier	License option/ Pricing metric	Description
S015RRF	Basic OTC, per Value Unit	InfoSphere Optim Move for DB2 for z/OS - Data Masking Option
	Basic OTC, per MSU-day TUC	

Program name:
InfoSphere Optim Move for DB2 for z/OS
- Data Masking Option, v7.1

Subscription and Support PID: 5655-w81

Entitlement identifier	License option/ Pricing metric	Description
S016NCR	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Move for DB2 for z/OS - Data Masking Option S&S
	Per MSU SW S&S registration	
	No charge, decline SW S&S	

Program name:
InfoSphere Optim Move for IMS/VSAM/SEQ, V7.1
Program PID: 5655-V04

Entitlement identifier	License option/ Pricing metric	Description
S015RRJ	Basic OTC, per Value Unit	InfoSphere Optim Move for IMS/VSAM/SEQ
	Basic OTC, per MSU-day TUC	

Program name:
InfoSphere Optim Move for IMS/VSAM/SEQ, V7.1
Subscription and Support PID: 5655-w82

Entitlement identifier	License option/ Pricing metric	Description
S016NCT	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Move for IMS/VSAM/SEQ S&S
	Per MSU SW S&S registration	
	No charge, decline SW S&S	

Program name:
InfoSphere Optim Move for IMS/VSAM/SEQ
- Data Masking Option, V7.1
Program PID: 5655-V04

Entitlement identifier	License option/ Pricing metric	Description
S015RRH	Basic OTC, per Value Unit	InfoSphere Optim Move for IMS/VSAM/SEQ - Data Masking Option
	Basic OTC, per MSU-day TUC	

Program name:
InfoSphere Optim Move for IMS/VSAM/SEQ
- Data Masking Option, V7.1
Subscription and Support PID: 5655-w82

Entitlement identifier	License option/ Pricing metric	Description
S016NCV	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Move for IMS/VSAM/SEQ - Data Masking Option S&S
	Per MSU SW S&S registration	

No charge,
decline SW S&S

Program name:
InfoSphere Optim Test Data Management Solution for DB2 for z/OS, V7.1
Program PID: 5655-V05

Entitlement identifier	License option/ Pricing metric	Description
S016NC9	Basic OTC, per Value Unit	InfoSphere Optim Test Data Management Solution for DB2 for z/OS
	Basic OTC, per MSU-day TUC	

Program name:
InfoSphere Optim Test Data Management Solution for DB2 for z/OS, V7.1
Subscription and Support PID: 5655-w80

Entitlement identifier	License option/ Pricing metric	Description
S016NCG	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Test Data Management Solution for DB2 for z/OS S&S
	Per MSU SW S&S registration	
	No charge, decline SW S&S	

Program name:
InfoSphere Optim Test Data Management Solution for DB2
for z/OS - Data Masking Option, V7.1

Program PID: 5655-V05

Entitlement identifier	License option/ Pricing metric	Description
S015RRT	Basic OTC, per Value Unit	InfoSphere Optim Test Data Management Solution for DB2 for z/OS - Data Masking Option
	Basic OTC, per MSU-day TUC	

Program name:
InfoSphere Optim Test Data Management Solution for DB2
for z/OS - Data Masking Option, V7.1
Subscription and Support PID: 5655-w80

Entitlement identifier	License option/ Pricing metric	Description
S016NCH	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Test Data Management Solution for DB2 for z/OS - Data Masking Option S&S
	Per MSU SW S&S registration	
	No charge, decline SW S&S	

Program name:
InfoSphere Optim Data Growth Solution for DB2 for z/OS, v7.1
Program PID: 5655-V06

Entitlement identifier	License option/ Pricing metric	Description
S016NBZ	Basic OTC, per Value Unit	InfoSphere Optim Data Growth Solution for DB2 for z/OS
	Basic OTC, per MSU-day TUC	

Program name:
InfoSphere Optim Data Growth Solution for DB2 for z/OS, v7.1 S&S
Subscription and Support PID: 5655-w79

Entitlement identifier	License option/ Pricing metric	Description
S016NC7	Basic ASC, per Value Unit SW S&S	InfoSphere Optim Data Growth Solution for DB2 for z/OS S&S
	Per MSU SW S&S registration	
	No charge, decline SW S&S	

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Note: Shipments will begin after the planned availability date.

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Corrections

(Corrected on June 28, 2011)

In the Charge metric section, product number 5655-V80 was corrected to 5655-W80.

(Corrected on May 18, 2011)

The Charge metric section was revised to add information stating that licensees of Version 6 of the Optim Solutions for z/OS who are current on Software Subscription and Support (Software Maintenance) are entitled to receive the corresponding Version 7 product free of charge.

(Corrected on March 21, 2011)

The "Products eligible for single version charging" section was removed because single version charging does not apply to the products in this announcement.