



IBM Business Process Manager Advanced for z/OS , V7.5 modernizes and extends your IBM zEnterprise core business processes

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At a glance

IBM® Business Process Manager (BPM) Advanced for z/OS® , V7.5:

- Delivers a comprehensive and consumable BPM platform that provides visibility and management of your business processes and includes tooling and a runtime environment for process design, execution, monitoring, and optimization, and is specifically designed to enable process owners and business users to engage directly in the improvement of their business processes
- Enables process designers and integration developers to use the same easy-to-use tools to create process solutions for the zEnterprise™ environment
- Provides full compatibility with the latest versions of IBM WebSphere® Process Server for z/OS and allows flexible deployment of process applications originally created with IBM WebSphere Lombardi Edition for Linux™ on IBM System z® or other platforms
- Streamlines installation and configuration of the BPM product within IBM WebSphere Application Server on z/OS

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

Overview

IBM BPM Advanced for z/OS , V7.5 brings the leading IBM business process management platform to z/OS , helping clients to leverage and extend existing mission-critical z/OS applications, modernize for new business opportunities, and unify process solutions seamlessly across distributed and zEnterprise to further engage and align business and IT.

This comprehensive and consumable business process management platform provides visibility and management of your business processes. It includes tooling and a runtime environment for process design, execution, monitoring, and optimization, and is specifically designed to enable process owners and business users to engage directly in the improvement of their business processes.

A highly integrated environment that scales smoothly and easily from initial project to enterprise-wide program, facilitates the use of existing application functionality and data delivered in the core business applications that currently execute on z/OS , whether in CICS® , IMS™ , or batch.

IBM BPM for z/OS highlights include:

- Co-location with System z programs to optimize performance and access to data
- High availability and quality-of-service for transactional and batch execution
- Extended support for high-volume process automation, with high quality-of-service
- Built-in service-oriented architecture (SOA) components for extensive enterprise-wide service integration and orchestration
- Full compatibility with the latest versions of WebSphere Process Server for z/OS and flexible deployment of process applications originally created with WebSphere Lombardi Edition for Linux on System z or other platforms
- Streamlined installation and configuration of the BPM product within WebSphere Application Server on z/OS

Key prerequisites

IBM System z running z/OS V1.10, or later

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

Planned availability date

September 2, 2011

Description

Leverage the power of zEnterprise for business process deployments.

The zEnterprise environment is an ideal environment for execution of your most critical business processes. It offers:

- A complete BPM Advanced runtime environment hosted natively on z/OS
- Streamlined installation and configuration of the BPM product within WebSphere Application Server on z/OS
- Full compatibility with the latest versions of WebSphere Process Server for z/OS and flexible deployment of process applications originally created with WebSphere Lombardi Edition for Linux on System z or other platforms
- Co-location with existing z programs and services, CICS , IMS , and batch applications and data to help optimize integration
- The ability to wrap existing System z applications with business processes to get immediate value

Incrementally modernize your enterprise to maximize agility in zEnterprise core business application

- Leverage business process management principles and iterative change methodology.
- Utilize easy-to-use business process design environment to incrementally add process orchestration to legacy solutions.
- Optimize knowledge and skills with standards such as Business Process Modeling Notation (BPMN), Business Process Execution Language (BPEL), and Business Action Language (BAL) for business rules.

Unify your enterprise with increased collaboration, visibility, and consistency of processes across platforms

- Enables process designers and integration developers to use the same easy-to-use tools to create process solution for the zEnterprise environment

- Provides greater visibility into mission-critical business processes that span systems
- Enables cross-platform life cycle governance by providing a centralized control center for governing deployments to Process Server run times on any platform

For information on IBM's marketing-leading BPM platform, IBM Business Process Manager V7.5, refer to Software Announcement [211-092](#), dated April 05, 2011 .

IBM BPM Advanced for z/OS configuration

The addition of the IBM BPM Advanced configuration for z/OS provides flexibility to deploy process applications to zEnterprise environments. The following components are key elements of the IBM BPM platform:

- IBM Process Server Advanced for z/OS offers a complete set of advanced BPM capabilities, including extended support for high-volume process automation, with high quality-of-service. It offers a built-in, flexible SOA connectivity infrastructure for extensive enterprise-wide service integration and orchestration. It includes a business space UI framework for creating an integrated and customized user experience. It provides a federated view for performing tasks, managing work items, tracking performance, and responding to events -- all in real time. It is designed to work with the IBM Process Server and IBM Process Center Advanced, and it leverages the IBM Process Designer and IBM Integration Designer. IBM Process Server Advanced for z/OS is fully compatible with the latest versions of WebSphere Process Server for z/OS .
- IBM Process Center Advanced is a scalable central repository and control center for organizing and managing all process artifacts, applications, and services that are created as part of a BPM program. It includes the capability to snapshot a process and associated artifacts, easily restore any historical snapshot, and provide centralized control for governing deployment of process and services to a production runtime environment. It leverages the IBM Process Designer and IBM Integration Designer and is available on Linux for System z and other Intel™ and Power® platforms.
- IBM Process Designer is a standards-based process design tool that is part of the basic authoring environment for all three configurations (Advanced, Standard, and Express) of IBM BPM that enables rapid composition and continuous process change. This tool is available on Windows™ .
- IBM Integration Designer is the integration design tooling part of the IBM BPM Advanced configuration authoring environment for visually constructing services, data transformations, BPEL processes, and integration to applications and backend systems that is used in collaboration with the process design tool to create robust and scalable process solutions. Integration Designer includes a comprehensive set of adapters to service-enable your assets, including packaged, custom, and legacy applications, technology protocols, and databases. It is fully compatible with the latest versions of WebSphere Integration Developer. This tool is available on Windows and Linux platforms.

Optional add-ons for integration with popular end-user productivity tools:

- IBM BPM for Microsoft™ Office is an optional add-on to all three configurations that enables Microsoft Office users to view and run IBM BPM tasks directly from their Outlook desktop. The Outlook add-on installs a IBM BPM plug-in onto the end-user Office desktop client. An add-on license is required for each production instance of IBM BPM that supports users via the Outlook desktop plug-in.
- IBM BPM for Microsoft SharePoint is an optional add-on to all three configurations that enables Microsoft SharePoint users to view and run IBM BPM tasks directly from webparts that are dropped into SharePoint portal pages. The SharePoint add-on is installed on any SharePoint server that will be used to host interactions with processes via the IBM BPM webparts. An add-on license is required for each production instance of IBM BPM that supports users via the Outlook desktop plug-in.

For information on how WebSphere Process Server, WebSphere Integration Developer, and WebSphere Lombardi Edition entitlements map to IBM BPM V7.5, refer to Software Announcement [911-087](#), dated April 05, 2011 .

Migration and data import support

IBM BPM Advanced for z/OS , V7.5 supports the migration of the following:

- Applications from WebSphere Process Server for z/OS , V6.1, or later.
- Upgrade tools support migration of in-flight instances from WebSphere Process Server for z/OS , V6.1, or later,

IBM BPM Advanced for z/OS , V7.5 supports importing data from the following products:

- WebSphere Process Server for z/OS , V6.1, or later, applications can be imported into Integration Designer to migrate application assets.
- Process applications from WebSphere Lombardi Edition V7.x and Lombardi Teamworks® 6.1 can be imported into IBM Process Designer to migrate application assets.
- Importing design-time BPMN processes from WebSphere Business Modeler V7.0.0.4 and WebSphere Business Compass V7.0.04 into IBM Process Center.
- Import design-time processes from IBM Blueworks Live.

Migration services offerings are available that can provide expert assistance to migrate existing applications to the IBM BPM.

Service offerings

The following is a list of some of the Services offerings in support of the IBM BPM:

- IBM Quick Win Pilot for Business Process Management is an expert-led delivery project that deploys business value in 10 weeks for a process improvement solution.
- IBM On Demand Consulting for IBM BPM is a unique capability built for IBM BPM that helps build self-sufficiency while providing scalable and as-needed access to deep IBM BPM expertise.
- IBM Migration Services for IBM BPM offers expert assistance to migrate existing WebSphere Lombardi Edition and WebSphere Process Server environment to IBM BPM.
- IBM Solution Mentoring for Business Process Management enables you to collaborate with IBM BPM mentors on a project to build deep capability and capacity while delivering results.

For more information about available Service offerings, visit

<https://www.ibm.com/developerworks/websphere/services/connect.html>

Alternatively, send an email

<https://www.ibm.com/developerworks/websphere/services/email.html>

Maximizing the value of your IBM Software investment

IBM Software Subscription and Support is one of the most cost-effective ways for your business to ensure that your users have access to latest technology. Whether you choose to upgrade and how you choose to upgrade is always up to you. You manage your upgrade cycles in the way that works best for your business. A comprehensive product upgrade and Technical Support solution, IBM Software Subscription and Support, available through IBM Passport Advantage® and Passport Advantage Express , delivers:

- Product upgrades
- New releases and new versions
- Phone and technical support

To download upgrades to your licensed IBM Software, sign in to Passport Advantage Online.

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

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 want 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.

Reference information

For information on IBM Business Process Manager V7.5, refer to Software Announcement [211-092](#), dated April 05, 2011 .

For information on IBM Blueworks Live, refer to Software Announcement [210-358](#), dated October 05, 2010 .

For information on IBM Business Process Manager Industry Packs V7.5, refer to Software Announcement [211-082](#), dated April 05, 2011 .

For information on IBM Business Monitor for z/OS , V7.5, refer to Software Announcement [211-063](#), dated April 05, 2011 .

For information on WebSphere Enterprise Service Bus for z/OS , V7.5, refer to Software Announcement [211-075](#), dated April 05, 2011 .

For information on WebSphere Service Registry and Repository for z/OS , V7.5, refer to Software Announcement [211-085](#), dated April 05, 2011 .

For information on Software withdrawal and discontinuance of service: IBM WebSphere selected products, refer to Software withdrawal [911-087](#), dated April 05, 2011 .

Availability of national languages

Description	Availability date	Language
IBM Business Process Manager Advanced for z/OS, V7.5	September 2, 2011	English

Program number

Program number	Program name
5655-W05	IBM Business Process Manager Advanced for z/OS, V7.5

Product identification number

Program PID number	Subscription and Support PID number
5655-W05	5655-P27

Education support

IBM delivers a comprehensive portfolio of education services to help customers successfully deploy and integrate WebSphere Application and Integration middleware products to their maximum potential.

Education is a key component to ensuring software success. The IBM education team is committed to providing the highest quality education available to help your company prosper in today's competitive marketplace. We take pride in our ability to deliver successful education programs that provide your people with the skills necessary to make your business profitable using IBM software.

The IBM education team works closely with IBM product developers and IBM services organizations to ensure that the courses we offer provide the most up-to-the-minute technical and product information. Our courses place an emphasis on the advanced knowledge and insight that only these sources can provide. We draw from a deep pool of IBM technical experience in the development of our courses, and pass that knowledge on to our students.

For more information about available education offerings, visit the website and search on the product name

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

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.

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=211-324>

Publications

The following publication is shipped with this program.

Title	Order number
IBM BPM for z/OS, V7.5 - License Information document	GC34-7251

IBM Business Process Manager Advanced V7.5 documentation is shipped in an information center, which can be viewed from a web browser with Internet access.

The online version of the IBM Business Process Manager Advanced for z/OS , V7.5 information center is available at

<http://publib.boulder.ibm.com/infocenter/dmndhelp/v7r5mx/index.jsp>

Portions of the documentation for IBM Business Process Manager will be translated and available within 30 days of product availability.

Technical information

Specified operating environment

Hardware requirements

Effective August 30, 2011, refer to the following website for a complete list of hardware and software requirements

<http://www.ibm.com/support/docview.wss?uid=swg27023006>

IBM System z processor, including z10™, and zEnterprise

Software requirements

Effective August 30, 2011, refer to the following website for a complete list of hardware and software requirements

<http://www.ibm.com/support/docview.wss?uid=swg27023006>

- Operating systems (supported with a 31-bit or 64-bit WebSphere Application Server)
 - z/OS V1.10, V1.11, or V1.12
- WebSphere Application Server for z/OS, V7
- Supported databases:
 - DB2® for z/OS, V9.1
 - DB2 for z/OS, V10
- Browsers
 - Microsoft Internet Explorer 6, or later (IE 7, or later, for iWidgets)
 - Mozilla Firefox 3.6

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

Planning information

Direct customer support

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

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

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

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

Security, auditability, and control

The products in this software announcement use the security and auditability features of the host 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

Program name	Part number or PID number	Charge metric
IBM Business Process Manager Advanced for z/OS, V7.5	5655-w05	value unit

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

Program number	Program name	value unit exhibit
5655-w05	IBM Business Process Manager Advanced for z/OS, V7.5	VUE007

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

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

Value Unit exhibit VUE007

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

Value Units for mainframes without MSU ratings:

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

Ordering example

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

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

Translation from MSUs to value Units

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

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

Ordering z/OS through the Internet

ShopzSeries provides an easy way to plan and order your z/OS ServerPac or CBPDO. It will analyze your current installation, determine the correct product migration, and present your new configuration based on z/OS . Additional products can also be added to your order (including determination of whether all product requisites are satisfied). ShopzSeries is available in the 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>

5655-W05 IBM Business Process Manager Advanced for z/OS, V7.5
5655-P27 IBM Business Process Manager Advanced for z/OS
Software Subscription and Support

Note: The trade-up from WebSphere Application Server for z/OS (5655-N02) and the trade-up from WebSphere ESB for z/OS (5655-W09) are no longer available.

Basic license

On/Off CoD

IBM Business Process Manager Advanced for z/OS , V7.5 is eligible for On/Off CoD with a temporary use charge calculated based on MSUs per-day usage.

Program name IBM Business Process Manager Advanced for z/OS, V7.5
Program PID 5655-W05

Entitlement identifier	Description	License option/ Pricing metric
S015P1C	IBM Process Server Advanced for z/OS, V7.5	Basic OTC, Per MSU-day TUC

Translation from MSUs to value Units

	MSUs	Value Units/MSU
Base	1-3	1.00
Tier A	4-45	0.45
Tier B	46-175	0.36
Tier C	176-315	0.27
Tier D	316+	0.20

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: IBM Business Process Manager Advanced for z/OS, V7.5
 Program PID: 5655-W05

Entitlement identifier	Description	License option/ Pricing metric
S015P1C	IBM Process Server Advanced for z/OS, V7.5	Basic OTC, Value Units
Orderable supply ID	Language	Distribution medium
S016SS9	US English	3590 tape cartridge uncomp

Subscription and Support PID: 5655-P27

Entitlement identifier	Description	License option/ Pricing metric
S0124HZ	IBM Process Server Advanced for z/OS, V7.5 Subscription and Support	Basic ALC, per Value Unit SW S&S No charge, decline SW S&S Per MSU SW S&S Registration
Orderable supply ID	Language	Distribution medium
S012HBK	US 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.

Single version charging

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

Customized Offerings

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.

License Information form number

L-APIG-8H5D63

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

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

Limited warranty applies

Yes

Limited warranty

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

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

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

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

Program support

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

Money-back guarantee

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

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

Volume orders (IVO)

No

Passport Advantage applies

No

Usage restrictions

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

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

Software Subscription and Support applies

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

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

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

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

IBM Operational Support Services â€" SoftwareXcel

Yes

Other support

SoftwareXcel

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-w05	IBM Business Process Manager Advanced for z/OS, v7.5	Execution-based	

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

Sub-capacity utilization is determined based on the product's own execution as reported to IBM in accordance with the requirements for reporting sub-capacity utilization for products.

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.

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: IBM Business Process Manager Advanced for z/OS, v7.5
Program PID: 5655-W05

Entitlement identifier	Description	License option/ Pricing metric
S015P1C	IBM Process Server Advanced for z/OS, v7.5	Basic OTC, per Value Unit

Subscription and Support PID: 5655-P27

Entitlement identifier	Description	License option/ Pricing metric
S0124HZ	IBM Process Server Advanced for z/OS, v7.5 Subscription and Support	Basic ALC, Value Units SW S&S No charge, decline SW S&S Per MSU SW S&S Registration

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Corrections

(Corrected on July 9, 2012)

The website was corrected in the Hardware requirements and Software requirements sections.