



IBM General Parallel File System on x86 Single Server for Integrated Offerings, V3 is now preinstalled on selected models of IBM Systems solution for SAP HANA

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At a glance

IBM® General Parallel File System (IBM GPFS™) Single Server, V3.x provides file system services to integrated offerings.

For ordering, contact your IBM representative, an IBM Business Partner, or IBM Americas Call Centers at 800-IBM-CALL (Reference: YE001).

Overview

IBM GPFS on x86 Single Server for Integrated Offerings, V3 is now preinstalled on selected models of IBM Systems solution for SAP HANA.

Refer to the [Reference information](#) section of this announcement for announcement information related to the hardware offerings that include IBM GPFS on x86 Single Server for Integrated Offerings.

Licenses for IBM GPFS on x86 Single Server for Integrated Offerings, V3 cannot be ordered independent of the selected hardware for which it is included.

Licenses for offerings in this announcement include three years of Software Subscription and Support. Software Subscription and Support contracts are managed in Passport Advantage® . Refer to the [Order handling](#) section of this announcement for further details.

If a new release of the offering in this announcement is made generally available in Passport Advantage after the announcement of the offering in System x® ordering systems, clients with valid Software and Subscription contracts may elect to take electronic delivery of the latest release.

Key prerequisites

- The IBM Systems solution for SAP HANA.

Note: Refer to the [Reference information](#) section of this announcement for announcement information related to the hardware offerings that include IBM GPFS on x86 Single Server for Integrated Offerings.

Planned availability date

October 24, 2012

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

Section 508 of the US Rehabilitation Act

IBM GPFS on x86 Single Server for Integrated Offerings is capable as of October 24, 2012, when used in accordance with associated IBM documentation, of satisfying the applicable requirements of Section 508 of the Rehabilitation Act, provided that any assistive technology used with the product properly interoperates with it. A US Section 508 Voluntary Product Accessibility Template (VPAT) can be requested on the following website:

http://www-03.ibm.com/able/product_accessibility/index.html

Product positioning

GPFS on x86 Single Server is to be used in conjunction with IBM Systems solutions such as SAP HANA.

Reference information

For additional information regarding the Model Refresh of the x3950 X5 Workload Optimized Solution for SAP HANA, refer to Hardware Announcement [112-141](#), dated October 03, 2012 .

For additional information regarding IBM System x3690 X5 SAP HANA Refresh, refer to Hardware Announcement [112-142](#), dated October 03, 2012 .

Program number

Program number	VRM	Program name
5641-GF3	V3.x	IBM GPFS on x86 Single Server for Integrated Offerings with 3 Yr SW S&S

Product identification number

Program PID number

5641-GF3

Order handling

Orders for the offering in this announcement are integrated with eligible hardware orders. Refer to the [Reference information](#) section of this announcement for announcement information related to the hardware offerings that include IBM GPFS on x86 Single Server for Integrated Offerings.

Subscription and Support for IBM GPFS on x86 Single Server for Integrated Offerings in this announcement will be routed and fulfilled through Passport Advantage Express® . Invoicing for the initial license orders will be included in the eligible hardware invoice. Subscription and Support renewals will be managed through Passport Advantage .

Passport Advantage allows you to have a common anniversary date for Software Subscription and Support renewals. The anniversary date, established at the order ship date for the initial product acquisition, will remain unchanged while your Passport Advantage Agreement remains in effect. New software purchases initially include 36 full months of Subscription and Support coverage. Subscription and Support in the first year of renewal can be prorated to be coterminous with your common anniversary date but managed and invoiced through Passport Advantage . Thereafter, all Software Subscription and Support will renew at the common anniversary date and include 12 full months of Subscription and Support.

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=212-412>

Publications

No hardcopy publications are shipped with this program. GPFS documentation is available on the Cluster Products Information Center at

<http://publib.boulder.ibm.com/infocenter/clresctr/vxrx/index.jsp?topic=/com.ibm.cluster.gpfs.doc/gpfsbooks.html>

<http://publib.boulder.ibm.com/infocenter/clresctr/vxrx/index.jsp?topic=/com.ibm.cluster.gpfs.doc/gpfsbooks.html>

Technical information

Specified operating environment

Hardware requirements

For IBM GPFS on x86 Single Server for Integrated Offerings:

- Hardware required for the IBM Systems solution for SAP HANA

Note: Refer to the [Reference information](#) section of this announcement for announcement information related to the hardware offerings that include IBM GPFS on x86 Single Server for Integrated Offerings.

Software requirements

For IBM GPFS on x86 Single Server for Integrated Offerings:

- Software required for the IBM Systems solution for SAP HANA

Note: Refer to the [Reference information](#) section of this announcement for announcement information related to the hardware offerings that include IBM GPFS on x86 Single Server for Integrated Offerings.

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.

Companion products

The following product would complement this product:

- IBM Systems solution for SAP HANA

Limitations

This is a single server version of GPFS. For highly available configurations, the clustered version of GPFS must be used.

Planning information

Installability

Software Subscription and Support (also referred to as Software Maintenance) is included with licenses purchased through Passport Advantage and Passport Advantage Express. Product upgrades and technical support are provided by the Software Subscription and Support (Software Maintenance) offering as described in the Agreements. Product upgrades provide the latest versions and releases to entitled software, and technical support provides voice and electronic access to IBM support organizations, worldwide.

IBM includes three years of Software Subscription and Support (also referred to as Software Maintenance) with each program license acquired. The initial period of Software Subscription and Support (Software Maintenance) can be extended by the purchase of a renewal option, if available.

Packaging

For software products in this announcement, physical media and hardcopy documentation are not included in the deliverable package. The software code is delivered preinstalled on the eligible hardware.

After receipt of an order, the Business Partner or user client will be required to register and accept Passport Advantage or Passport Advantage Express terms and conditions. The product includes the license and three years of Software Subscription and Support.

Your Proof of Entitlement for this program is a copy of a paid sales receipt, purchase order, invoice, or other sales record from IBM or its authorized reseller from whom you acquired the program, provided that it states the license charge unit (the characteristics of intended use of the program; for example, number of processors, number of users) and quantity acquired.

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

Security, auditability, and control

IBM GPFS on x86 Single Server for Integrated Offerings uses the security and auditability features of the system in which it is installed. 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	PID number	Charge metric
IBM GPFS on x86 Single Server for Integrated Offerings, v3.x with 3 year SW S&S	5641-GF3	Per 10 PVU

Processor Value Unit (PVU)

Processor Value Unit (PVU) is a unit of measure by which the program can be licensed. The number of PVU entitlements required is based on the processor technology (defined within the PVU Table by Processor Vendor Brand, Type and Model Number at

http://www.ibm.com/software/lotus/passportadvantage/pvu_licensing_for_customers.html

and the number of processors made available to the program. IBM continues to define a processor, for the purposes of PVU-based licensing, to be each processor core on a chip. A dual-core processor chip, for example, has two processor cores. Licensee can deploy the program using either Full Capacity licensing or Virtualization Capacity (Sub-Capacity) licensing according to the Passport Advantage Sub-Capacity Licensing Terms (refer to the website below). If using Full Capacity Licensing, Licensee must obtain PVU entitlements sufficient to cover all activated processor cores¹ in the physical hardware environment made available to, or managed by, the program except for those servers from which the program has been permanently removed. If using Virtualization Capacity licensing, Licensee must obtain entitlements sufficient to cover all activated processor cores made available to or managed by the program, as defined according to the Virtualization Capacity License Counting Rules at

Instead of the entitlements required for the program directly, Licensee must obtain PVU entitlements for this program sufficient to cover the processor cores for the systems on which the resources managed or processed by the program reside.

¹ An activated processor core is a processor core that is available for use in a physical or virtual server, regardless of whether the capacity of the processor core can be, or is, limited through virtualization technologies, operating system commands, BIOS settings, or similar restrictions.

New licensees

Orders for new licenses will be accepted as part of eligible hardware orders.

Basic licenses

The license offering below is preinstalled on eligible hardware.

When orders are placed for eligible hardware that includes IBM GPFS on x86 Single Server for Integrated Offerings V3.x, the following internal orders will be generated containing the type model number, one-time charge (OTC) feature, and serialization features as indicated in the table below. No billing will occur against the machine type, model number, or features.

Type model number feature description	OTC billing feature number	Serial- ization feature number
5641-GF3 IBM GPFS on x86 Single Server for Integrated Offerings, V3.x Per 10 PVU with 3 Year SW S&S	0391	3444
IBM GPFS on x86 Single Server for Integrated Offerings, V3.x Per 250, 10 PVU with 3 Year SW S&S	0401	3444

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 International Passport Advantage Express Agreement.

This product is only available via Passport Advantage . It is not available as shrinkwrap.

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.

This software license includes Software Subscription and Support (also referred to as Software Maintenance).

Agreement for Acquisition of Software Maintenance

This program is licensed under the IBM Program License Agreement (IPLA). IBM includes three years of Software Subscription and Support (also referred to as Software Maintenance) with the initial license acquisition of each program acquired.

License Information form number

L-LMUY-8VFRRA

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).

Volume orders (IVO)

No

IBM International Passport Advantage Agreement

Passport Advantage applies

Yes, and through the Passport Advantage website at

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

Usage restriction

Yes. Licensee is limited to using GPFS on a single node on a single server. Licensee must obtain entitlement for each processor core activated where GPFS Single Server is installed.

Software Subscription and Support applies

The offering in this announcement includes three years of Software Subscription and Support (Software Maintenance) in the license.

Program technical support: Technical support of a program product will be available for a minimum of three years from the general availability date, as long as your Software Subscription and Support (also referred to as Software Maintenance) is in effect. This technical support allows you to obtain assistance (via telephone or electronic means) from IBM for product-specific, task-oriented questions regarding the installation and operation of the program product. Software Subscription and

Support (Software Maintenance) also provides you with access to updates, releases, and versions of the program. You will be notified, via announcement letter, of discontinuance of support with 12 months notice. If you require additional technical support from IBM, including an extension of support beyond the discontinuance date, contact your IBM representative or IBM Business Partner. This extension may be available for a fee.

System i Software Maintenance applies

No

Variable charges apply

No

Educational allowance available

No

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.

Prices

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

Business Partner information

If you are an IBM Business Partner -- Distributor for Workstation Software acquiring products from IBM, you may link to Passport Advantage Online for resellers where you can obtain Business Partner pricing information. An IBM ID and password are required.

<https://www.ibm.com/software/howtobuy/passportadvantage/paoreseller>

IBM Global Financing

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

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For more financing information, visit

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

Order now

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Reference: SE001

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

Note: Shipments will begin after the planned availability date.

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