



IBM TotalStorage Productivity Center Basic Edition V3.3.1 pre-installed on a new server that manages your IBM storage devices

Key prerequisites	2
Description	2
Product positioning	2
Reference information	2
Education support	3
Offering Information	3
Publications	3
Technical information	4
Ordering information	8
Terms and conditions	10
Prices	12
Order now	12

At a glance

IBM TotalStorage Productivity Center Basic Edition V3.3.1:

- Is pre-installed on IBM System Storage Productivity Center (model type 2805)
- Can help improve storage infrastructure availability
- Improves storage resource utilization
- Enhances storage personnel productivity
- Can help monitor the SAN fabric
- Extends IBM System Storage DS8000 configuration and management capabilities, when available — refer to Hardware Announcement [107-610](#), dated October 23, 2007, and Hardware Announcement [107-611](#), dated October 23, 2007.

For ordering, contact:

Your IBM representative, an IBM Business Partner, or the Americas Call Centers at

800-IBM-CALL Reference: YE001

Overview

IBM TotalStorage® Productivity Center Basic Edition V3.3.1 is now pre-installed on IBM System Storage™ Productivity Center (machine type 2805). By having the software pre-installed on a single system, you can begin to consolidate and simplify your IBM storage management infrastructure. Refer to Solutions Announcement [707-043](#), dated October 23, 2007.

IBM TotalStorage Productivity Center Basic Edition V3.3.1 extends device configuration capabilities of IBM storage resources to a central platform. With TotalStorage Productivity Center Basic Edition, you can manage the storage network, hosts, and physical disks in context rather than by device. IBM TotalStorage Productivity Center Basic Edition offers:

- IBM System Storage DS8000™ GUI integration, when available — refer to Hardware Announcement [107-610](#), dated October 23, 2007, and Hardware Announcement [107-611](#), dated October 23, 2007.
- Automated device discovery
- Asset and capacity reporting
- Device configuration
- Basic storage provisioning
- Advanced topology viewer

- Event management
- Storage topology viewer
- Status dashboard

Key prerequisites

Refer to the Hardware and software requirements section.

Planned availability dates

- November 16, 2007: Pre-load availability on System Storage Productivity Center hardware
- November 21, 2007: Electronic general availability via Passport Advantage®
- December 14, 2007: Media general availability via Passport Advantage and AAS

Description

IBM TotalStorage Productivity Center Basic Edition V3.3.1 is designed to provide a basic storage resource management (SRM) solution. It extends existing management of a single storage system, providing capabilities such as storage reporting, monitoring, policy-based management, and storage provisioning.

IBM TotalStorage Productivity Center Basic Edition V3.3.1 centralizes management of networked storage devices that implement the SNIA Storage Management Interface Specification (SMI-S), which includes the IBM System Storage DS family and IBM System Storage SAN Volume Controller (SVC). It is designed to help reduce storage management complexity and costs and help improve data availability through open standards (SMI-S).

IBM TotalStorage Productivity Center Basic Edition V3.3.1 users can easily upgrade to IBM TotalStorage Productivity Center Standard Edition. IBM TotalStorage Productivity Center Standard Edition provides advanced features such as performance reporting, file-level capacity utilization, best practices-based configuration management, and wizard-driven end-to-end storage provisioning. For more information on the capabilities of TotalStorage Productivity Center Standard Edition, refer to the following Web site

<http://www-306.ibm.com/software/tivoli/products/totalstorage-standard/>

Accessibility by people with disabilities

A U.S. Section 508 Voluntary Product Accessibility Template (VPAT) containing details on accessibility compliance can be requested at

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

Product positioning

IBM TotalStorage Productivity Basic Edition V3.3.1 provides an integrated storage infrastructure management platform that is designed to be delivered pre-installed on the IBM System Storage Productivity Center Release 1.1. This combination of hardware and software is intended to provide a simplified central point by which to configure the DS8000 and SAN Volume Controller, and to manage the storage environment in general.

Refer to Solutions Announcement [707-043](#), dated October 23, 2007. "IBM System Storage Productivity Center, Consolidated Device Management", for a description of the relationship and advantages of this new solution.

Reference information

For information on IBM System Storage Productivity Center solution, Release 1.1, refer to Solutions Announcement [707-043](#), dated October 23, 2007.

For information on IBM System Storage Productivity Center, refer to Hardware Announcement [107-609](#), dated October 23, 2007.

For information on IBM System Storage DS8000 series (machine type 2107), refer to Hardware Announcement [107-610](#), dated October 23, 2007.

For information on IBM System Storage DS8000 series (machine types 2421, 2422, 2423, and 2424), refer to Hardware Announcement [107-611](#), dated October 23, 2007.

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).

BP Attachment for Announcement Letter 207-263

<https://www.ibm.com/partnerworld/mem/sla.jsp?num=207-263>

Trademarks

System Storage and DS8000 are trademarks of International Business Machines Corporation in the United States or other countries or both.

TotalStorage and Passport Advantage are registered trademarks of International Business Machines Corporation in the United States or other countries or both.

Other company, product, and service names may be trademarks or service marks of others.

Education support

Comprehensive education for IBM Tivoli® products is offered through Worldwide Tivoli Education Delivery Services. A wide range of training options are available, including classes led by instructors, learning on demand, on-site training, and blended learning solutions.

The following training for IBM TotalStorage® Productivity Center V3.3 is intended to be made available after this announcement on October 23, 2007:

- Differences for IBM TotalStorage Productivity Center 3.3 (Web-based, 4 hours)
- IBM TotalStorage Productivity Center 3.3 Overview (Web-based, 2 hours)
- IBM TotalStorage Productivity Center 3.3 Administration and Operation (classroom, 5 days)

For more information on TotalStorage Productivity Center, visit the following Web site and search on TotalStorage Productivity Center

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

For additional information, visit

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

Offering Information

Product information is available via the Offering Information Web site

<http://www.ibm.com/common/ssi>

Also, visit the Passport Advantage® Web site

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

Publications

No publications are shipped with this program.

Refer to Software Announcement [207-117](#), dated May 22, 2007, for the list of IBM TotalStorage Productivity Center publications that can be ordered from the IBM Publications Center.

<http://www.ibm.com/shop/publications/order>

The Publications Center is a worldwide central repository for IBM product publications and marketing material with a catalog of 70,000 items. Extensive search facilities are provided. Payment options for orders are via credit card (in the U.S.) or customer number for 20 countries. A large number of publications are available online in various file formats, and they can all be downloaded by all countries, free of charge.

Technical information

Specified operating environment

Hardware and software requirements: Server

For Windows® or Linux™ on Intel®

- Machine — Dual Intel class P4/Xeon 2.4 3.2 GHz processors
- Minimum memory — 4 GB RAM
- Disk space — 80 GB disk space
- Operating systems — one of the following:
 - Windows 2003 Standard or Enterprise (32-bit and 64-bit in compatibility mode)
 - Red Hat Enterprise Server 3 (32 bit), Red Hat Enterprise Server 4 (32 bit)

For AIX® on IBM System i™ and IBM System p™:

- Machine — Dual POWER4™ or POWER5™ processor
- Minimum space requirement to run:
 - 4 GB of RAM
 - Approximately 80 GB of hard disk space
- Operating system — one of the following:
 - AIX V5.3 (32 bit or 64 bit)

Supported RDBMSs for the Enterprise Repository:

- DB2® UDB 8.1 Fix Pack 14, or later Fix Packs
- DB2 UDB 9.1 Fix Pack 2, or later Fix Packs

Note: IBM TotalStorage Productivity Center server is supported on Windows, AIX, and Linux. However, the System Storage™ Productivity Center (2805) server is only supported when running Microsoft® Windows 2003 Enterprise Edition. Consequently, only the Microsoft Windows version of IBM TotalStorage Productivity Center server is supported on the System Storage Productivity Center server.

Companion products: IBM TotalStorage Productivity Center can be used with IBM System Storage SAN Volume Controller (SVC). IBM TotalStorage Productivity Center for Disk provides performance metrics and analysis for SVC environments. Productivity Center for Data can assist with capacity analysis within SVC environments. SVC virtualizes heterogeneous storage environments to provide deeper volume management that can be leveraged by IBM TotalStorage Productivity Center to provide a centralized point of control for IBM and heterogeneous storage.

IBM TotalStorage Productivity Center can be used with any of IBM System Storage DS Family of storage systems and SAN infrastructure. IBM TotalStorage Productivity Center can provide a set of tools to centrally manage IBM System Storage DS Family of storage systems and SAN

infrastructure, including the availability and performance management of storage systems and the SAN fabrics, and capacity management of the storage environment. IBM TotalStorage Productivity Center also provides replication services for IBM Enterprise Storage Server™ (ESS) Model 800 and SVC.

IBM TotalStorage Productivity Center for Disk: Device management and configuration and disk performance management — IBM TotalStorage Productivity Center for Disk is designed to enable device configuration and management of SAN-attached devices from a single console. Device management and configuration is provided for the IBM System Storage DS6000™ and IBM System Storage DS8000™ product families, ESS, SVC, and IBM System Storage DS4000™ (FAStT). In addition, it has performance management capabilities, including thresholds and gauges, that can help allow proactive management of storage performance. It is designed to allow a user to gather and analyze historical and real-time performance metrics.

IBM TotalStorage Productivity Center for Data: Capacity management of file systems and databases — IBM TotalStorage Productivity Center for Data is designed to provide over 300 enterprise-wide reports, monitoring and alerts, policy-based action, and file system capacity automation in heterogeneous environments.

IBM TotalStorage Productivity Center for Fabric: Management, monitoring, and control of SAN fabric — IBM TotalStorage Productivity Center for Fabric can help automate device discovery, topology rendering, error detection fault isolation, SAN error predictor, zone control, real-time monitoring and alerts and event management for heterogeneous enterprise SAN environments. In addition, IBM TotalStorage Productivity Center for Fabric has support for collecting performance statistics from IBM TotalStorage, Brocade, Cisco, and McDATA fabric switches and directors that implement the SNIA SMI-S specification.

IBM TotalStorage Productivity Center for Replication: TotalStorage Productivity Center for Replication is designed to manage the advanced copy services provided by IBM ESS Model 800, DS8000, DS6000, and SVC. IBM TotalStorage Productivity Center for Replication V3.3 has enhancements designed to:

- Improve Recovery Point Objective reporting for advanced copy services that will show the amount of data exposure at the disaster recovery site.
- Improve reporting on the total amount of terabytes (TB) to be copied at the source site.
- Improve operations support with site awareness, overwrite protection, and improved monitoring and messages. Administrator roles have also been added.

IBM TotalStorage Productivity Center for Replication Three Site BC is an addition to the TotalStorage Productivity Center for Replication V3.3 family. Three Site BC provides:

- Support for three-site IBM DS8000 Metro Global Mirror configurations.
- Disaster recovery configurations that can be set up to indicate copy type (FlashCopy®, Metro Mirror, Global Mirror) and the number of separate copies and sites to be involved.

Performance considerations: IBM TotalStorage Productivity Center Basic Edition performance will vary depending upon a customer's particular configuration and customization.

Planning information

Software Maintenance is included with licenses purchased through Passport Advantage and Passport Advantage Express. Product upgrades and technical support are provided by the 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 one year of Software Maintenance with each program license acquired. The initial period of Software Maintenance can be extended by the purchase of a renewal option, if available.

Packaging: IBM TotalStorage Productivity Center Basic Edition is distributed with:

- Products DVDs (server) and CDs
- IBM TotalStorage Productivity Center Basic Edition Quick Start Guide (English, French, and Japanese)

Security, auditability, and control

IBM TotalStorage Productivity Center Basic Edition uses the security and auditability features of the operating system 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 unmatched portfolio of capabilities. Together, we provide the global reach, intellectual capital, industry insight, and technology leadership to support any critical business need.

To learn more about IBM Software Services or to contact a Software Services sales specialist, visit

<http://www.ibm.com/software/sw-services/>

IBM Tivoli Enhanced Value-Based Pricing

The IBM TotalStorage Productivity Center products are priced using a managed-environment approach whereby price is determined by the amount of storage capacity under management rather than the number and type of product components installed.

This licensing model can provide the customer flexibility to deploy these software products within its environment in a manner that can address and respond to the customer's evolving architecture. That is, as the architecture of a customer's environment changes, the customer's implementation of these products can be altered as needed without affecting the customer's license requirements (as long as the customer does not exceed its entitlements to the software).

Value-Based Pricing terminology definitions

Server

A server is a computer system that executes requested procedures, commands, or applications to one or more user or client devices over a network. A PoE must be obtained for each server on which the program or a component of the program is run or for each server managed by the program. Where blade technology is employed, each blade is considered a separate server.

IBM TotalStorage Productivity Center terabyte (TB) capacity:

A TB capacity is each individual TB of storage capacity managed by the IBM TotalStorage Productivity Center products. Managed capacity for IBM TotalStorage Productivity Center for Replication, IBM TotalStorage Productivity Center for Replication Two Site BC, and IBM TotalStorage Productivity Center for Replication Three Site BC is defined as the source device capacity. **Only** the source device capacity is included in this pricing definition (**not** the target device).

TB

One TB of managed storage; $(T/TB) = 2$ raised to the power of 40 bytes = 1,099,511,627,776 bytes, or approximately a trillion bytes.

Product and licensing Web sites

A complete list of IBM Tivoli products is available at Web site

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

IBM Tivoli product licensing documents are available at Web site

<http://www.ibm.com/software/tivoli/products/licensing.html>

Passport Advantage

Through the Passport Advantage Agreement, you may receive discounted pricing based on the total volume of eligible products, across all IBM brands, acquired worldwide. The volume is measured by determining the total Passport Advantage points value of the applicable acquisitions. Passport Advantage points are only used for calculating the entitled Passport Advantage discount.

To determine the required Tivoli product configuration under Passport Advantage, the Tivoli Enhanced Value-Based Pricing Model applies. Your environment is evaluated on a per-product basis.

Use the following two-step process to determine the total Passport Advantage points value:

1. Analyze your environment to determine the number of charge units for a product. The quantity of each product's part numbers to be ordered is determined by that analysis.
2. Order the Passport Advantage part numbers. A Passport Advantage point value, which is the same worldwide for a specific part number regardless of where the order is placed, is assigned to each Tivoli product part number. The Passport Advantage point value for the applicable part number, multiplied by the quantity for that part number, will determine the Passport Advantage points for that Tivoli product part number. The sum of these Passport Advantage points determines the Passport Advantage point value of the applicable Tivoli product authorizations, which then may be aggregated with the point value of other applicable Passport Advantage product acquisitions to determine the total Passport Advantage points value.

The discounted pricing available through Passport Advantage is expressed in the form of Suggested Volume Prices (SVPs), which vary depending on the SVP level. Each SVP level is assigned a minimum total Passport Advantage point value, which must be achieved, in order to qualify for that SVP level.

Media packs and documentation packs do not carry Passport Advantage points and are not eligible for SVP discounting.

For additional information on Passport Advantage, refer to the following Web site

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

The following Passport Advantage part number categories may be orderable:

- License and Software Maintenance 12 Months — this is the product authorization with maintenance to the first anniversary date.
- Annual Software Maintenance Renewal — this is the maintenance renewal for one anniversary that applies when you renew the existing coverage period prior to the anniversary date at which it expires.
- Software Maintenance Reinstatement 12 months — this is when you have allowed the Software Maintenance to expire, and later wish to reinstate your Software Maintenance.
- Media packs — these are the physical media, such as CD-ROMs, that deliver the product's code.
- Documentation packs — these contain printed documentation such as the User's Guide and Release Notes.

Pricing examples

IBM TotalStorage Productivity Center Basic Edition is licensed per management server and is not based on capacity. Specifically, each server that is running the TotalStorage Productivity Center Basic Edition software requires the purchases of a license. TotalStorage Productivity Center Basic Edition is **not** free.

Example 1. Customer orders one license of IBM TotalStorage Productivity Center Basic Edition. The customer is then entitled to install and use the TotalStorage Productivity Center Basic Edition server code on one system only. There is no limit as to the number of TotalStorage Productivity Center Basic Edition client components the customer is entitled to.

Example 2. Customer orders two licenses of IBM TotalStorage Productivity Center Basic Edition. The customer is then entitled to install and use the TotalStorage Productivity Center Basic Edition server code on two systems. There is no limit as to the number of TotalStorage Productivity Center Basic Edition client components the customer is entitled to.

Example 3. Customer orders one IBM System Storage Productivity Center (machine type 2805) and also orders one license of IBM TotalStorage Productivity Center Basic Edition software, which comes pre-installed on the 2805 server. The 2805 server license does not include the software license. The separate purchase of the TotalStorage Productivity Center software license is required. In this example, the customer is entitled to use the software on the 2805 server and no other system. If the customer wants to run TotalStorage Productivity Center server

code on any other system, the customer is required to first disable the code on the 2805 server.

If the customer later decides to purchase a different TotalStorage Productivity Center package for use on the 2805 server, then that purchase is an addition to their TotalStorage Productivity Center Basic Edition software purchase.

Example 4. Customer orders one IBM System Storage Productivity Center (machine type 2805) and also orders 35 TB of IBM TotalStorage Productivity Center for Disk, which is intended to be used on the 2805 server. In this situation, the customer does not need to purchase IBM TotalStorage Productivity Center Basic Edition.

Example 5. Customer orders one IBM System Storage Productivity Center (machine type 2805). The customer has previously purchased IBM TotalStorage Productivity Center for Disk and wants to use their existing software entitlement on the 2805 server. Since the TotalStorage Productivity Center for Disk software license is based on capacity, assuming the customer has not reached their software entitlement limit, the remaining software entitlement can be utilized on the 2805 server. If the customer has utilized their previously purchased software entitlement, then the customer will need to make an additional purchase of the desired TotalStorage Productivity Center package.

IBM System Storage Productivity Center (machine type 2805) is only offered with the Microsoft Windows 2003 Enterprise Edition operating system. Consequently, only the Microsoft Windows version of IBM TotalStorage Productivity Center server is supported on that server. IBM TotalStorage Productivity Center server is supported on Windows, AIX, and Linux. The purchase of the IBM TotalStorage Productivity Center Basic Edition license does entitle the customer to install the server code on any of the supported operating systems. However, the System Storage Productivity Center (2805) server is only supported when running Microsoft Windows 2003 Enterprise Edition.

Ordering information

Product group: Tivoli Storage

Product Identifier Description (PID)

IBM TotalStorage Productivity Center Basic Edition (5608-B01)

Product category: Productivity Center Basic Edition

New licensees

Orders for new licenses will be accepted now.

Shipment will begin on the planned availability date.

Basic license

Ordering information for Passport Advantage

Passport Advantage allows you to have a common anniversary date for Software Maintenance renewals, which can simplify management and budgeting for eligible new versions and releases (and related technical support) for your covered products. The anniversary date, established at the start of your Passport Advantage Agreement, will remain unchanged while your Passport Advantage Agreement remains in effect. New software purchases will initially include twelve full months of maintenance coverage. Maintenance in the second year (the first year of renewal) can be prorated to be coterminous with your common anniversary date. Thereafter, all Software Maintenance will renew at the common anniversary date and include twelve full months of maintenance.

Refer to the IBM International Passport Advantage Agreement and to the IBM Software Maintenance Handbook for specific terms relating to, and a more complete description of, technical support provided through Software Maintenance.

The quantity to be specified for the Passport Advantage part numbers in the following table is per server. To order for Passport Advantage, specify the desired part number and quantity.

Description	Part number
Per server:	
IBM TotalStorage Productivity Center Basic Edition License and Software Maintenance 12 Months	D61RXLL
IBM TotalStorage Productivity Center Basic Edition Annual Software Maintenance Renewal	E045WLL

IBM TotalStorage Productivity Center Basic Edition
 Software Maintenance Reinstatement 12 Months D61RYLL

To order a media pack for Passport Advantage, specify the part number in the desired quantity from the following table:

Description	Part number
TotalStorage Productivity Center Basic Edition V3.3.1 media pack – Multilingual	BJ007ML

IBM TotalStorage Productivity Center Basic Edition is also available, via Web download, from Passport Advantage.

Ordering information for 5608-B01

To order a basic license, specify the program number and the feature number of the desired distribution medium. Also, specify the one-time charge feature number in the quantity desired (maximum quantity of 250).

The quantity to be specified for the features in the following table is per server.

Use the following table to order the program products listed below:

Product number	Product name	Feature number	
		Qty 1	Qty 250
5608-B01	TotalStorage Productivity Center Basic Edition		
Per server:		0001	0002

Distribution medium description	Medium feature number	Language
DVD and CD-ROM	5809	Multilingual

This software license includes Software Maintenance, previously referred to as Software Subscription and Technical Support.

Extending coverage for a total of three years from date of acquisition may be elected. Order the program number, feature number, and quantity to extend coverage for your software licenses. If maintenance has expired, specify the after license feature number.

IBM TotalStorage Productivity Center Basic Edition

Maintenance IASP PID 1 Year: 5608-B02

Description	Feature number qty 1	Feature number qty 250
Use authorizations (to be ordered in quantity):		
Per server:		
Software Maintenance No Charge Registration	0001	0002
Software Maintenance 1 Year Renewal	0003	0004

Maintenance IASP PID 1 Year: 5608-B03

Description	Feature number qty 1	Feature number qty 250
Use authorizations (to be ordered in quantity):		
Per server:		
Software Maintenance 1 Year After License	0001	0002

Maintenance IASP PID 3 Year: 5608-B04

Description	Feature number qty 1	Feature number qty 250
Use authorizations (to be ordered in quantity):		
Per server:		

Software Maintenance 3 Year Registration	0001	0002
--	------	------

Maintenance IASP PID 3 Year: 5608-B05

Description	Feature number qty 1	Feature number qty 250
-------------	-------------------------	---------------------------

Use authorizations (to be ordered in quantity):
Per server:

Software Maintenance 3 Year Renewal	0001	0002
-------------------------------------	------	------

Maintenance IASP PID 3 Year: 5698-B06

Description	Feature number qty 1	Feature number qty 250
-------------	-------------------------	---------------------------

Use authorizations (to be ordered in quantity):
Per server:

Software Maintenance 3 Year After License	0001	0002
---	------	------

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. Part number products only, offered outside of Passport Advantage, where applicable, are license only and do not include Software Maintenance.

This software license includes Software Maintenance, previously referred to as Software Subscription and Technical Support.

Agreement for Acquisition of Software Maintenance: The IBM Agreement for Acquisition of Software Maintenance (Z125-6011) agreement applies for maintenance and does not require customer signatures.

License Information form number: L-NSTL-737VEJ

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

<http://www.ibm.com/software/sla/slabd.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. Consult the IBM Software Support Guide for further information at

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

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

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 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 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.

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 (1) for programs acquired under the IBM International Passport Advantage offering, this term applies only to your first acquisition of the program and (2) for programs acquired under any of IBM's On/Off Capacity on Demand (CoD) software offerings, this term does not apply since these offerings apply to programs already acquired and in use by you.

Authorization for use on home/portable computer: You may not copy and use this program on another computer without paying additional license fees.

Other terms

Volume orders (IVO): No

IBM International Passport Advantage Agreement

Passport Advantage applies: Yes, and through the Passport Advantage Web site at

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

Usage restriction: Yes. Usage is limited to the quantity of servers licensed.

For additional information, refer to the License Information document that is available on the IBM Software License Agreement Web site

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

Software Maintenance applies: Yes. Software Maintenance, previously referred to as Software Subscription and Technical Support, is now included in the Passport Advantage Agreement. Installation and technical support for the products announced in this announcement is provided by the Software Maintenance offering of the IBM International Passport Advantage Agreement. This fee service enhances customer productivity by providing voice or electronic access into the IBM support organizations.

IBM includes one year of Software Maintenance with the initial license acquisition of each program acquired. The initial period of Software Maintenance can be extended by the purchase of a renewal option.

While your Software Maintenance is in effect, IBM provides you assistance for your routine, short duration installation and usage (how-to) questions, and code-related questions. IBM provides assistance via telephone and, if available, electronic access, only to your information systems (IS) technical support personnel during the normal business hours (published prime shift hours) of your IBM support center. (This assistance is not available to your end users.) IBM provides Severity 1 assistance 24 hours a day, every day of the year. For additional details, consult your IBM Software Support Guide at

<http://techsupport.services.ibm.com/guides/handbook.html>

Software Maintenance does not include assistance for the design and development of applications, your use of programs in other than their specified operating environment, or failures caused by products for which IBM is not responsible under this agreement.

For additional information about the Passport Advantage Agreement, visit the Passport Advantage Web site at

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

All distributed software licenses include Software Maintenance (Software Subscription and Technical Support) for a period of 12 months from the date of acquisition, providing a streamlined way to acquire IBM software and assure technical support coverage for all licenses. Extending coverage, for a total of three years from date of acquisition, may be elected. For additional information, refer to Changes to Distributed Software Products Model for Products Outside Passport Advantage Software Announcement [201-201](#), dated July 10, 2001.

Variable charges apply: No

Educational allowance available:

Yes. A 15% education allowance applies to qualified education institution customers.

Prices

Contact your IBM representative for prices information for this announcement.

Order now

To order, contact the Americas Call Centers, your local IBM representative, or your IBM Business Partner.

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

Phone: 800-IBM-CALL (426-2255)
Fax: 800-2IBM-FAX (242-6329)
Internet: callserv@ca.ibm.com
Mail: IBM Teleweb Customer Support
ibm.com Sales Execution Center, Americas North
3500 Steeles Ave. East, Tower 3/4
Markham, Ontario
Canada
L3R 2Z1

Reference: YE001

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.

Trademarks

System p, System i, POWER4, POWER5, System Storage, Enterprise Storage Server, DS6000, DS8000, and DS4000 are trademarks of International Business Machines Corporation in the United States or other countries or both.

Tivoli, TotalStorage, Passport Advantage, AIX, DB2, FlashCopy, and PartnerWorld are registered trademarks of International Business Machines Corporation in the United States or other countries or both.

Intel is a registered trademark of Intel Corporation.

Windows and Microsoft are registered trademarks of Microsoft Corporation.

Linux is a trademark of Linus Torvalds in the United States, other countries or both.

Other company, product, and service names may be trademarks or service marks of others.

This announcement is provided for your information only. For additional information, contact your IBM representative, call 800-IBM-4YOU, or visit the IBM home page at: <http://www.ibm.com>