



IBM PowerSC Trusted Surveyor and PowerSC Standard editions help address cloud and virtual data center security issues

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At a glance

PowerSC provides security and compliance tools to protect datacenters and cloud environments virtualized with PowerVM® .

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

Overview

PowerSC provides a trusted solution to help you simplify the security and compliance administration for virtual workloads running on IBM Power Systems™ servers. PowerSC simplifies security compliance and strengthens security by providing trusted system extensions.

By supplying prebuilt system profiles that provide security and compliance automation, PowerSC simplifies security compliance. This automation enforces compliance to various industry standards, such as the Payment Card Industry Data Security Standard, the US Department of Defense Security Technical Implementation Guide, the COBIT best practices, and the Health Insurance Portability and Accountability Act Privacy and Security Rules.

PowerSC is a "virtualization aware" offering because it has embedded components in the Power Systems virtualization technology PowerVM . This allows PowerSC to harden security and simplify compliance within virtual workloads.

New function and fixes are now added to existing PowerSC Express® and PowerSC Standard editions while releasing PowerSC Trusted Surveyor as a new offering under the PowerSC offering family.

Key prerequisites

- The latest available AIX® or PowerVM and associated offerings running on IBM POWER7® and POWER6® processor-based systems.
- PowerSC Express Security and Compliance profiles for VIOS require Virtual I/O Server V2.2.1, or later.
- The PowerSC Standard Edition Trusted Logging feature and Trusted Network Connect and Patch Management feature both require Virtual I/O Server V2.2.1, or later.

Planned availability date

November 9, 2012

Description

PowerSC includes the following features:

- Security Compliance Automation assures that the settings in the operating system match security standards that exist in various industry groups, such as the Payment Card Industry Data Security Standard. PowerSC automatically applies the recommended settings to make systems compliant with various external industry standards.
- Real-time compliance monitoring for AIX assures that the security settings applied by the compliance automation remain in effect. In the event of a change in the security settings, the administrator is notified by an alert to the customer's email address or smart phone message.
- External industry standards supported by PowerSC include the following:
 - Payment Card Industry Data Security Standard (PCI DSS).
 - The Health Insurance Portability and Accountability Act Privacy and Security Rules (HIPAA).
 - US Department of Defense Security Technical Implementation Guide for UNIX™ (DoD STIG) standards and the best practices specified by the Control Objectives for Information and related Technology (COBIT) standard.
Public companies that are subject to the US Sarbanes-Oxley Act of 2002 (SOX) often adopt the COBIT best practices.
- The ability to simplify security management and compliance measurement. PowerSC is used in conjunction with AIX Profile Manager, which allows clients to automatically apply security profiles and generate reports about compliance. This reduces the labor cost involved in configuring and auditing systems that require a particular industry standard like Payment Card Industry, DoD STIG, HIPAA, and SOX/COBIT.
- Trusted Network Connect and Patch Management now supports all supported V6 and V7 levels of AIX . The initial support was only for the latest technology levels.

PowerSC Trusted Surveyor monitors the compliance of virtual networks to network segregation policies. This ensures that virtual machines are properly segregated within the virtualization infrastructure.

Trusted Surveyor provides an enterprise view of the virtual network from all HMCs and CECs. This view is configured from a web server interface. The reports generated from Trusted Surveyor can be downloaded in Excel spreadsheet format. The reports generated can be saved and consumed by third party tools like Microsoft™ Excel.

Program number

Program number	VRM	Program name
5765-PTS	1.1.0	IBM PowerSC Trusted Surveyor
*5765-G82	1.1.x	PowerSC Express Edition
*5765-PSE	1.1.x	PowerSC Standard Edition

* Offerings are already announced and available in AAS.

Product identification number

Program PID number	Maintenance	Maintenance
	1 year PID number	3 year PID number
5765-PTS	5660-PTS 5661-PTS	5662-PTS 5663-PTS 5664-PTS
*5765-G82	*5660-G82 *5661-G82	*5662-G82 *5663-G82 *5664-G82
*5765-PSE	*5660-PSE *5661-PSE	*5662-PSE *5663-PSE *5664-PSE

* Offerings are already announced and available in AAS.

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=212-340>

Additional information

Reliability, Availability, and Serviceability (RAS)

The reliability of IBM Power Systems starts with components, devices, and subsystems that are designed to be fault-tolerant. IBM Power Systems uses lower voltage technology in the processor SCMs that improves the reliability of stacked latches to reduce soft error (SER) susceptibility. During the design and development process, subsystems go through rigorous verification and integration testing processes. During system manufacturing, systems go through a thorough testing process to help ensure high product quality levels.

The processor and memory subsystem contains a number of features designed to avoid or correct environmentally induced, single-bit, intermittent failures, as well as handle solid faults in components, including selective redundancy to tolerate certain faults without requiring an outage or parts replacement.

Offering Information

Product information is available via the Offering Information website

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

Publications

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 US) or customer number for 50 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 requirements

PowerSC editions offerings 5765-G82 and 5765-PSE:

- IBM systems that run the IBM POWER6 and POWER7 processors.
- Trusted Boot requires Firm Ware 7.4.

POWER7 technology-based hardware requires Firm Ware 7.4 to utilize Trusted Boot.

PowerSC Trusted Surveyor offering 5765-PTS:

- HMC 7042-CR6 and 7042-CR7 only

Software requirements

PowerSC Trusted Surveyor and PowerSC editions offerings:

- AIX 6 (Express , Standard, and Enterprise)
- AIX 7 (Express , Standard, and Enterprise)
- PowerVM V2

PowerSC Standard edition must be licensed for all active cores on a Power Systems server. When additional cores are activated, clients must purchase the same number of additional PowerSC licenses.

PowerSC Trusted Surveyor offering:

- AIX system with appropriate web server and connection to HMCs to monitor
- PowerSC must be licensed for all HMCs that are to be monitored

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.

Limitations

For additional information, refer to **Usage restrictions** in the [Terms and conditions](#) section of this announcement, or to the License Information document that is available on the IBM Software License Agreement website

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

Planning information

Packaging

Your Proof of Entitlement (PoE) 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, number of processors, number of users) and quantity acquired.

Information about how you may obtain program services will be provided by the party (either IBM or its authorized reseller) from whom you acquired the program.

Security, auditability, and control

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

The PowerSC Trusted Surveyor is licensed by managed Hardware Management Console (HMC). Trusted Surveyor requires a dedicated AIX LPAR which runs the Trusted Surveyor web application which discovers and monitors the virtualized infrastructure. Typically a customer will only need one instance of this application per enterprise.

Charge metric

Program name	Part number or PID number	Charge metric
IBM PowerSC Trusted Surveyor	5765-PTS	Per Server
SW Maintenance Registration/Renewal 1 Year	5660-PTS	Per Server
SW Maintenance After License 1 Year	5661-PTS	Per Server
SW Maintenance Registration 3 Year	5662-PTS	Per Server
SW Maintenance After License 3 Year	5664-PTS	Per Server

Server

Server is a unit of measure by which the program can be licensed. A server is a physical computer that is comprised of processing units, memory, and input/output capabilities and that executes requested procedures, commands, or applications for one or more users or Client Devices. Where racks, blade enclosures, or other similar equipment is being employed, each separable physical device (for example, a blade or a rack-mounted device) that has the required components is considered itself a separate server. For the purpose of server-based licensing, licensee must obtain entitlements for each server that is made available to the program, regardless of the number of processor cores and partitions in the server or the number of copies of the program on the server.

Orders may be placed beginning with configurator availability.

For new orders, select from the following table:

IBM PowerSC Trusted Surveyor, V1.1 (5765-PTS): SWMA PIDs and features support this new offering.

5765-PTS IBM PowerSC Trusted Surveyor	OTC feature number
Description	
Per Server	0001

Software Maintenance

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

Extending coverage for a total of three years from the 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.

5660-PTS Software Maintenance Registration, 1 year	Feature description	Feature number
----------------------------------------------------	------------------------	-------------------

Per Server registration	0001
Per Server 7x24 registration	0002

5661-PTS Software Maintenance After License, 1 year	Feature description	Feature number
-----------------------------------------------------	------------------------	-------------------

Per Server After License Charge	0001
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5662-PTS Software Maintenance Registration, 3 year	Feature description	Feature number
----------------------------------------------------	------------------------	-------------------

Per Server registration	0001
Per Server 7x24 registration	0002

5664-PTS Software Maintenance After License, 3 year	Feature description	Feature number
-----------------------------------------------------	------------------------	-------------------

Per Server After License Charge	0001
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System Program Order (SPO): An order for SPO 5692-A6P is mandatory for shipments of program distribution. The individual licensed program orders are for registration and billing purposes only. No shipment occurs under these orders.

Specify feature number 3435.

Machine-readable materials are only available on CD-ROM. To receive shipment of machine-readable materials the order needs to include SPO 5692-A6P.

The individual licensed program order (for example, 5765-PTS) must still be ordered but will be for registration and billing purposes only and will not result in shipment of materials.

Program number	Program/Function name	Feature number
5692-A6P	IBM PowerSC Trusted Surveyor	2297

Basic Machine-Readable Material: Select one of the following priced feature numbers for media type under 5692-A6P.

Media type	Media feature number	Media process charges feature number	Feature number
DVD	3435	1100 Media Charge	
DVD	3435	1101 Media No-charge	
Program number	Description		Feature number
5765-PTS	Branch Office Expedite		3445
5660-PTS	Branch Office Expedite		3445
5661-PTS	Branch Office Expedite		3445
5662-PTS	Branch Office Expedite		3445
5664-PTS	Branch Office Expedite		3445

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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.

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

Agreement for Acquisition of Software Maintenance

The IBM Agreement for Acquisition of Software Maintenance (Z125-6011) agreement applies for Subscription and Support (also referred to as Software Maintenance) and does not require customer signatures.

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. IBM includes one year of Software Subscription and Support (also referred to as Software Maintenance) with the initial license acquisition of each program acquired. The initial period of Software Subscription and Support (also referred to as Software Maintenance) can be extended by the purchase of a renewal option, if available. 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**IBM PowerSC Trusted Surveyor (5765-PTS):** LC23-5139-00

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).

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.

Other terms**Volume orders (IVO)**

Yes. Contact your IBM representative.

Passport Advantage applies

No

Software Subscription and Support applies

Yes. All distributed software licenses include Software Subscription and Support (also referred to as Software Maintenance) 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.

While your Software Subscription and Support 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

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For more information about the Passport Advantage Agreement, visit the Passport Advantage website at

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IBM Operational Support Services - SoftwareXcel

No

System i Software Maintenance applies

No

Variable charges apply

No

Educational allowance available

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

Statement of good security practices

IT system security involves protecting systems and information through prevention, detection, and response to improper access from within and outside your enterprise. Improper access can result in information being altered, destroyed, or misappropriated or can result in misuse of your systems to attack others. Without a comprehensive approach to security, no IT system or product should be considered completely secure and no single product or security measure can be completely effective in preventing improper access. IBM systems and products are designed to be part of a comprehensive security approach, which will necessarily involve additional operational procedures, and may require other systems, products, or services to be most effective. IBM does not warrant that systems and products are immune from the malicious or illegal conduct of any party.

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The Electronic Services news page is a single Internet entry point that replaces the multiple entry points traditionally used to access IBM Internet services and support. The news page enables you to gain easier access to IBM resources for assistance in resolving technical problems.

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To learn how Electronic Services can work for you, visit

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

Prices

5765-PTS IBM PowerSC Trusted Surveyor

Description	OTC feature number
Per Server	0001

Description	OTC feature number
Per Server	C2DE

5660-PTS Software Maintenance Registration, 1 year

Feature description	Feature number
Per Server	0001
Per Server 7x24	0002

5661-PTS Software Maintenance After License, 1 year

Feature description	Feature number
Per Server After License Charge	0001

5662-PTS Software Maintenance Registration, 3 year

Feature description	Feature number
Per Server	0001
Per Server 7x24	0002

5664-PTS Software Maintenance After License, 3 year

Feature description	Feature number
Per Server After License Charge	0001

Pricing terms

Prices in the following PDF prices link are suggested list prices on day of announcement for the U.S. only. They are provided for your information only. Dealer

prices may vary, and prices may also vary by country. IBM list price does not include tax or shipping and is subject to change without notice.

[ENUS-212-340-LIST_PRICES_2012_10_03.PDF](http://www.ibm.com/financing)

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