



# IBM WebSphere Cast Iron Hypervisor Edition V6.4 delivers support for IBM API Management V2.0 and continues to provide rapid cloud integration

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## At a glance

Companies that adopt cloud and Software as a Service (SaaS) applications view application integration as an important component to harmonize business processes across their hybrid application landscape. WebSphere® Cast Iron® Cloud Integration can offer these key benefits:

- **Ability to quickly connect cloud and on-premise applications:** WebSphere Cast Iron Cloud Integration can help companies integrate in days, instead of weeks or months, with rich connectors and integration templates.
- **Synergy with other IBM® integration products:** Companies with significant application integration investment can use Cast Iron as the cloud gateway, allowing SaaS applications to become part of the larger integration framework.
- **Ability to collaborate with IBM Mobile Foundation:** Cast Iron works cooperatively with IBM Mobile Foundation to externalize enterprise data and processes in mobile applications.
- **Flexible pricing options:** Your purchasing options can range from paying by monthly subscription to acquiring a one-time charge license with unlimited endpoint connectivity.

## Overview

The arrival of cloud computing and social media has changed the way we share, connect, and collaborate. Companies of all sizes are embracing this change and transforming their business to engage in new ways with their clients, employees, and business partners. Two trends have emerged as a result of this transformation:

- **Software as a Service (SaaS) as a consumption and delivery model:** Provides applications, data, and IT resources to you as services delivered over the network. SaaS applications help reduce the extensive IT costs of application deployment and help increase productivity by making applications available when you need them.
- **Mobile computing:** Can help reduce time-to-market, cost, and complexity of development while enabling an optimized customer and employee user experience across multiple environments.

With all their benefits, SaaS applications and mobile applications are still part of the enterprise computing platform and must work together with the rest of the enterprise landscape, which can often include on-premise systems and applications. Clients working to transform an enterprise today often face a hybrid environment consisting of SaaS applications, mobile applications, and traditional on-premise

applications. Integration is one of the keys to successfully driving value from SaaS applications and mobile solutions in this hybrid environment.

With WebSphere Cast Iron Hypervisor Edition V6.4, IBM continues to expand upon its capabilities to address the needs of these hybrid environments by providing rapid access to application data for application developers. This release enables WebSphere Cast Iron Hypervisor Edition to participate in IBM's on-premise API Management V2.0 solution. This new solution integrates the most important features that are necessary to enable the three most significant players in the API economy: application developers, business owners, and IT personnel. In addition, the Cast Iron Hypervisor Edition V6.4 can now operate on IBM Workload Deployer 3.1.0.7 or IBM PureApplication™ System W1500 1.0.0.4.

The WebSphere Cast Iron product portfolio is a platform that can enable rapid, no-coding construction of integration among SaaS applications, on-premise packaged applications, custom applications, and generic systems such as databases, files, and web services. The key features and capabilities of Cast Iron Cloud Integration are:

- **Out-of-the-box, rich connectors to applications, especially to enterprise-grade packaged applications, such as large ERP and CRM applications:** A connector enables you to connect to the targeted application and access the content of the application in a no-coding manner.
- **Simple user experience:** The Cast Iron portfolio provides rich capabilities in transformation, integration logics, and integration management. It can also provide infrastructure for custom connectivity and reuse of integration best practices. This infrastructure can provide a no-coding, highly usable user experience.
- **Support for a wide range of integration paradigms:** The Cast Iron portfolio includes process integration, data integration, UI mashups, and combinations.
- **Flexible deployment options:** Capabilities can be accessed in three form factors which are designed to be easy to access and use:
  - Virtual appliance - WebSphere Cast Iron Hypervisor Edition
  - Multi-tenant cloud service - WebSphere Cast Iron Live and Cast Iron Express®
  - Physical appliance - WebSphere DataPower® Cast Iron Appliance XH40

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## Key prerequisites

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

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## Planned availability date

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- June 28, 2013 (electronic)
- July 12, 2013 (media pack)

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## Description

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WebSphere Cast Iron Cloud Integration solutions help you quickly connect hybrid environments comprised of cloud and on-premise applications and help achieve lower cost and a higher return on investment in cloud, SaaS, and mobile applications.

You can develop integration using a "configuration, not coding" approach, and deploy in the following form-factors, each providing the same functionality:

- **WebSphere Cast Iron Hypervisor Edition:** A virtual appliance that can be installed on your existing servers using virtualization technology. Virtual appliances allow better utilization of hardware and faster response to demands for newly deployed systems on the real appliance, thus helping to reduce the costs of both hardware and software operation and maintenance. Deploying

virtual images may help businesses reduce the potential for errors and enable the rapid deployment of working systems for development, test, or production because virtual images are built with known, stable, and tested configurations.

- **WebSphere Cast Iron Live:** A complete multi-tenant cloud offering to connect cloud and on-premise applications. WebSphere Cast Iron Live enables you to design, run, and manage integrations in the cloud without any infrastructure footprint on-site.
- **WebSphere DataPower Cast Iron Appliance XH40:** A self-contained physical appliance that provides everything needed to connect cloud and on-premise applications. The appliance can be installed and managed within a local data center.

A related product, WebSphere Cast Iron Express , is a business-user-friendly, self-service cloud offering that allows you to rapidly connect and integrate data between your salesforce.com applications and other applications.

## WebSphere Cast Iron Cloud Integration

WebSphere Cast Iron Cloud Integration portfolio delivers the following sets of capabilities:

- Integration scenarios
- Connectivity
- Reusability

### Integration scenarios

Each of the WebSphere Cast Iron Cloud Integration components provides the following comprehensive integration capabilities:

- **Cloud data migration:** Allows data handling, using the WebSphere Cast Iron data cleansing and data migration capabilities, and enables expedited adoption of SaaS and cloud applications. This approach to data integration enables companies to cleanse, enrich, and migrate data from existing applications to cloud applications in real time.
- **Cloud data synchronization:** Provides connectivity, workflow, and transformation features, enabling you to coordinate or orchestrate integration processes across multiple applications in real time. SaaS and cloud users can view data that is hidden in applications, minimizing any duplicate entries and maximizing decision making and productivity.
- **Integration in visualization (UI mashups):** Provides the capability to mashup information from disparate sources and to display this information using the native user interface of a cloud application in real time.
- **Integration that drives mobile applications:** Supports mobile applications by harnessing data and processes from other parts of the enterprise.

For additional information on IBM Mobile Platform applications, refer to Software Announcements [212-157](#), dated April 24, 2012 and [212-486](#), dated November 13, 2012 .

### Connectivity

WebSphere Cast Iron Cloud Integration offerings come with built-in connectivity to hundreds of cloud, packaged, and proprietary on-premise applications, including ERP, CRM, databases, web services, and flat files. WebSphere Cast Iron Cloud Integration offerings are completely self-contained and include everything needed to complete integrations in one place.

This approach to integration makes no distinction between local and remote applications because they establish connectivity to the endpoints by using native application protocols. The advantage to this approach is that no additional adapters are required, and there is nothing to install or change at the endpoints.

A Connector Development Kit, provided with this offering, allows skilled developers to use WebSphere Cast Iron to add connectors to custom applications. With connectors built using the Connector Development Kit, users get the same development experience on IBM WebSphere Cast Iron Studio as with the built-in connectors. Cast Iron Studio is a downloadable development tool that can be used to design, test, and publish integration projects to a WebSphere Cast Iron Integration Appliance.

## Reusability

The WebSphere Cast Iron Cloud Integration portfolio includes hundreds of reusable template integration processes (TIPs) that are searchable in an online library. This online library contains templates for many of the most common cloud integration scenarios. These templates encode common connectivity, known mapping, as well as best practice integration workflows.

Templates provide a question-and-answer-based wizard that walks users through a common integration scenario, customizing as needed. Often, users simply complete the credentials, customize mappings, test, and deploy. Cast Iron clients and partners can create their own wizard-driven, reusable templates with the point-and-click TIP Development Kit and make them available to the entire WebSphere Cast Iron Cloud Integration user community.

## Flexible packaging options

- **Standard Edition:** Everything needed to configure, run, and manage the most common application integrations, including connectivity to cloud and standard on-premise applications, data synchronization and data migration scenarios, and access to hundreds of reusable TIPs. Standard Edition includes the ability to connect two applications, with an option to acquire additional application endpoints.
- **Enterprise Edition:** Includes everything in the Standard Edition, plus advanced capabilities, including the ability to connect enterprise on-premise applications, use data quality features, develop reusable templates, and manage and monitor the solution remotely through management APIs.
- **Application Endpoints:** Adds the ability to integrate additional applications, while acquiring only what is needed. Choose from any of hundreds of cloud and on-premise applications. Available with both the Standard and Enterprise Editions.
- **Development Edition:** Provides a complete, shared development environment for non-production use, and with no limit on the number of applications integrated.
- **Unrestricted Application Endpoints:** Adds the ability (per appliance) to integrate any number of applications across hundreds of cloud and on-premise applications. Available with both the Standard and Enterprise Editions.

## Additional Information

For more information about acquiring WebSphere Cast Iron solutions, contact an IBM representative or an IBM Business Partner, or visit

<http://www.ibm.com/software/integration/cast-iron-cloud-integration/>

For more information about WebSphere Cast Iron XH40 Appliance, WebSphere Cast Iron Live, and WebSphere Cast Iron Express , refer to the [Reference information](#) section.

Trials are available, allowing you to try and buy, in a self-serve fashion. This includes a:

- 60-day trial: Cast Iron Express is available at <http://express.castiron.com/>
- 90-day trial: Cast Iron Live Web API is available at <http://webapi.castiron.com/>

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## Reference information

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For information on API Management V2.0, refer to Software Announcement [213-148](#), dated April 23, 2013 .

For information on WebSphere DataPower Cast Iron Appliance XH40, refer to Hardware Announcements [113-083](#), dated April 23, 2013 , [112-229](#), dated December 11, 2012 , and [111-159](#), dated August 30, 2011 .

For information on WebSphere DataPower Cast Iron Appliance XH40 Support Registration, refer to Software Announcement [211-405](#), dated August 30, 2011 .

For information on WebSphere Cast Iron Live V6.3 or WebSphere Cast Iron Express V6.3, refer to Software Announcement [212-493](#), dated December 11, 2012 .

For information on IBM WebSphere Cast Iron Live and Express subscription options, refer to Software Announcement [211-486](#), dated November 29, 2011 .

For additional information on IBM Mobile Platform applications, refer to Software Announcements [212-157](#), dated April 24, 2012 and [212-486](#), dated November 13, 2012 .

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## Program number

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Program name	VRM	Program number
IBM WebSphere Cast Iron Hypervisor Edition Standard	V6.4	5725-C11
IBM WebSphere Cast Iron Hypervisor Edition Enterprise	V6.4	5725-C12

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## Education support

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Education support will be provided for the products in this announcement.

IBM Global Services, IT Education Services, supports many IBM offerings.

### Flexible training options

WebSphere education offers several training options to meet your budget and time goals. Many offerings are delivered in a traditional classroom setting, at either your location or an IBM training center. Online delivery options are also available. Instructor-led online classes are taught real-time by an IBM instructor in a virtual classroom setting. Or, for a more independent training experience, you can select from a wide variety of self-paced online courses that you complete on your schedule.

For more information about available WebSphere education offerings, including course locations and availability dates, visit

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

Role-based training paths can be found at

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

For additional IBM education, visit

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

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

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## Offering Information

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Product information is available via the Offering Information website

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

Also, visit the Passport Advantage® website

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

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## Publications

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No new or updated publications are shipped with this offering.

WebSphere Cast Iron Hypervisor Edition publications are available in the online Information Center. Visit

<http://pic.dhe.ibm.com/infocenter/wci/v6r3m0/index.jsp>

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## Technical information

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### Specified operating environment

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#### **Hardware requirements**

Processor with virtualization technology -- for example, Intel™ VT-x or Advanced Micro Devices AMD-V. Cast Iron Hypervisor Edition uses a 64-bit kernel. Virtualization technology support must be installed and enabled. In some cases this feature is enabled through a BIOS setting. Features required:

- 60 GB of available disk space
- One of these supported configurations, which will be selected during installation:
  - a. 1 CPU, 4 GB RAM
  - b. 2 CPU, 8 GB RAM

Web management console requires hardware compatible with a supported version of Microsoft™ Windows™ to run a supported browser.

Studio tooling requires a minimum of 1 GB memory (RAM).

#### **Software requirements**

#### **WebSphere Cast Iron Hypervisor Edition V6.4**

Hypervisor Edition can run on one of the following hosting environments:

- VMware ESX/ESXi 4.0, 4.1, or 5.0
- IBM Workload Deployer 3.1.0.7
- IBM PureApplication System W1500 1.0.0.4
- Xen server 4.0.0.0 running on Red Hat Enterprise Linux™ Server release 5.6

The Studio component of WebSphere Cast Iron Hypervisor Edition requires Microsoft Windows XP or Windows 7.

Web management console of WebSphere Cast Iron Hypervisor Edition V6.4 requires:

- One of the following browsers:
  - Microsoft Internet Explorer V8, or later

- Mozilla Firefox V3, or later
- Google Chrome V23
- Adobe™ Flash Player V9, or later

For the most current WebSphere Cast Iron Cloud Integration system requirements visit

<http://www.ibm.com/support/docview.wss?uid=swg27022431>

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.

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## Planning information

### *Packaging*

IBM WebSphere Cast Iron Hypervisor Edition is distributed via electronic download and a set of physical media packs consisting of multiple DVDs. This program, when downloaded from a website, contains the applicable IBM license agreement and License Information, if appropriate, which 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.

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## 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/>

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## Ordering information

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For more information about IBM Software Value Plus, visit

[http://www.ibm.com/partnerworld/page/svp\\_authorized\\_portfolio](http://www.ibm.com/partnerworld/page/svp_authorized_portfolio)

To locate IBM Business Partners for Software Value Plus in your geography for a specific Software Value Plus portfolio, visit

<http://www.ibm.com/partnerworld/wps/bplocator/>

Product group: WebSphere

Product Identifier Description (PID)

IBM WebSphere Cast Iron Hypervisor Edition 5725-C11  
Standard

IBM WebSphere Cast Iron Hypervisor Edition 5725-C12  
Enterprise

Product category: Application Integration Middleware Other

Except for the new media pack part numbers, the remaining ordering information for IBM WebSphere Cast Iron Hypervisor Edition Standard V6.4 and IBM WebSphere Cast Iron Hypervisor Edition Enterprise V6.4 is unchanged from the previous release. Refer to the ordering information in Software Announcement [211-327](#), dated August 23, 2011 .

**Passport Advantage customer: Media pack entitlement details**

Customers with active maintenance or subscription for the products listed are entitled to receive the corresponding media pack.

Media pack description	Part number
WebSphere Cast Iron Hypervisor Edition Standard V6.4 multilingual - Media pack	BA16RML
WebSphere Cast Iron Hypervisor Edition Enterprise V6.4 multilingual - Media pack	BA16QML

**Charge metric**

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**WebSphere Cast Iron Hypervisor Edition V6.4: ( Passport Advantage )**

Program/service name	Program number	Charge unit description
IBM WebSphere Cast Iron Hypervisor Edition Standard V6.4	5725-C11	Per install Per Application instance
IBM WebSphere Cast Iron Hypervisor Edition Enterprise V6.4	5725-C12	Per install Per Application instance

**Install**

Install is a unit of measure by which the program can be licensed. An install is an installed copy of the program on a physical or virtual disk made available to be executed on a computer. Licensee must obtain an entitlement for each install of the program.

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**Terms and conditions**

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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 IBM Agreement for Acquisition of Software Maintenance.

This product is available only 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. 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 Subscription and Support (also referred to as Software Maintenance).

### **License Information form number**

Program name	LI number
IBM WebSphere Cast Iron Hypervisor Edition Standard for Development	L-SBRY-965JE7
IBM WebSphere Cast Iron Hypervisor Edition Enterprise for Development	L-SBRY-965JCH
IBM WebSphere Cast Iron Hypervisor Edition Standard with 2 Endpoints	L-SBRY-965JHJ
IBM WebSphere Cast Iron Hypervisor Edition Enterprise with 2 Endpoints	L-SBRY-965JG3

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>

Search on " Cast Iron Hypervisor" or by program number.

### **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 technical support**

Technical support of a program product version or release will be available for a minimum of five 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 (modifications or fixes), 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 (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***

Yes, and through the Passport Advantage website at

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

### ***Usage restriction***

Yes

### ***WebSphere Cast Iron Hypervisor Edition V6.4***

If Licensee acquires a Standard Runtime entitlement, then notwithstanding any provision in the Agreement, Licensee is not authorized to use any of the following components or functions of the Program:

1. Enterprise Application Endpoints: The ability to connect to Enterprise applications such as JD Edwards, Peoplesoft, SAP, Siebel, or other similar type of applications
2. Data Quality Features: The specific data quality features or activities within the Program (for example, filter and profile, look up, sort, and merge)
3. Template Development Kit: A set of features within the Program used to develop Template Integration Processes (TIPs)
4. Management APIs: The set of application programming interfaces (APIs) in the Program that allow users to programmatically perform management, monitoring, user provisioning, and deployment activities

### ***Software Subscription and Support applies***

Yes. 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 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 Subscription and Support with each program license acquired. The initial period of Software Subscription and Support can be extended by the purchase of a renewal option, if available.

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 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, 7 days a week. For additional details, consult your *IBM Software Support Handbook* at

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

Software Subscription and Support 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 the applicable agreements.

For additional information about the International Passport Advantage Agreement and the IBM International Passport Advantage Express Agreement, visit the Passport Advantage website at

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

***Other support***

Passport Advantage

***System i Software Maintenance applies***

No

***Variable charges apply***

No

***Educational allowance available***

Not applicable

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## **Statement of good security practices**

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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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## **Prices**

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**Passport Advantage**

For Passport Advantage information and charges, contact your IBM representative or authorized IBM Business Partner for Software Value Plus. Additional information is also available at

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

For all local charges, contact your IBM representative.

## **IBM Global Financing**

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

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