



IBM WebSphere® Cast Iron Hypervisor Edition V6.1 provides cloud to on-premise application integration in days

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At a glance

WebSphere® Cast Iron® Cloud integration portfolio can offer these key benefits:

- Significant cost savings. The Cast Iron 'configuration, not coding' design helped numerous companies slash SaaS¹ integration costs compared to traditional approaches. In addition, companies have reduced error recovery procedures (ERP) licensing costs by eliminating the need for cloud users to log into back-office applications. The term licensing pricing options available help companies slash their up-front capital expenditure costs.
- Enhanced IT innovation. The WebSphere Cast Iron integration is delivered through an on-premise appliance or the cloud, requiring no additional IT purchases or additions. Both approaches eliminate complex coordination or specialized IT skills for deployment. The simplicity of this offering helps enable IT executives to reallocate senior resources to more innovation-oriented projects.

¹ Software as a Service

Overview

To cut costs, drive productivity, and provide new capabilities quickly, companies are turning to cloud computing to meet business needs. Cloud computing is a new consumption and delivery model providing applications, data, and IT resources to users as services delivered over the network. Cloud applications are delivered as a service known as Software as a Service (SaaS). SaaS applications can help reduce IT costs by reducing the resources required for application deployment and increasing the productivity of business users by making applications available at the time of need. Because Cloud applications (from service providers) have a pricing structure that reduces budgetary issues, there is less delay in new application procurement.

As the popularity of SaaS and cloud applications grows, department-level solutions for reducing cost and increasing the effectiveness of specific employee teams face hurdles to grow these solutions, while supporting the wider enterprise. On a daily basis, users require access to various systems and applications that are critical to doing their job. These applications may include cloud applications and on-premise systems and applications. It is critical that these applications and systems are integrated and function seamlessly, providing each user with the latest information. Many companies have a hybrid world of cloud and on-premise applications making integration critical.

WebSphere Cast Iron Cloud integration portfolio enhances the IBM® solution portfolio, offering a complete cloud-application-integration platform. WebSphere Cast Iron Hypervisor Edition is designed from the ground up to deliver the capabilities needed for cloud and on-premise application integration.

Key prerequisites

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

Planned availability date

September 14, 2011

Description

Today's dynamic business environments and economic uncertainty mean organizations must work smarter to remain competitive and respond to changing customer demands for better and newer products and services at lower costs. Working smarter means your business needs the agility to take advantage of new revenue opportunities and address competitive threats. Optimize costs by slashing operational and maintenance expenses while increasing efficiency.

For many businesses, a primary barrier to business agility and cost optimization is IT complexity. In order to achieve business goals, IT must be able to quickly and easily deliver on the needs of the business while supporting innovation.

WebSphere Cast Iron Cloud integration portfolio provides leading SaaS and cloud application integration. WebSphere Cast Iron Cloud integration solution enables you to connect the hybrid world of cloud and on-premise applications within days and achieve lower cost and higher return on investment in cloud and SaaS models.

Develop integration applications using a configuration, not coding approach and deploy them using WebSphere Cast Iron Hypervisor Edition, a virtual appliance that can be installed on your existing servers using virtualization technology. WebSphere Cast Iron Hypervisor Edition provides the same functionality as a physical appliance.

- **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. Built on market-leading IBM technology, the appliance can be installed and managed within a local data center.

For more information about how to acquire the WebSphere DataPower Cast Iron Appliance XH40 and WebSphere Cast Iron Express®, contact your IBM representative, or visit

<http://www.castiron.com/integration-solutions/>

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

WebSphere Cast Iron Cloud integration portfolio allows better utilization of hardware and faster response to demands for newly deployed systems. This can help to reduce the costs of both hardware and software operation and maintenance costs. By deploying virtual images, businesses can also ensure that systems are built with a known, stable, and tested configuration, reducing the potential for errors and

ensuring rapid deployment of a working system, whether for development, test, or production.

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

- Comprehensive cloud integration scenarios
- Comprehensive connectivity
- Comprehensive reusability

Comprehensive cloud 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 expedite 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. Now, SaaS and cloud users can immediately view data that is hidden in applications, minimizing any duplicate entries and maximizing decision making and productivity.
- Cloud user interface (UI) mashups -- Consolidate information from disparate sources for use within the native user interface of a single application. UI developers can mash up that data to present a single unified view, without moving the data from one application into another.

Comprehensive 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 Hypervisor Edition is completely self-contained and includes everything needed to complete integrations in one place.

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

A Connector Development Kit is provided that allows skilled developers to extend WebSphere Cast Iron to add connectors to custom applications. With connectors built using the Connector Development Kit, end-users get the same first-class development experience on Cast Iron Studio as with the built-in connectors.

Comprehensive reusability

WebSphere Cast Iron Cloud integration portfolio includes hundreds of reusable template integration processes (TIPs) that are searchable with a single click in an online library. This online library contains templates for all of the most common cloud integration scenarios.

Templates provide a question-and-answer-based wizard that walks users through a common integration scenario. For example, a TIP might ask for all the information needed to transform an opportunity in a CRM system to an order in an ERP system. Cast Iron customers and partners can create their own wizard-driven, reusable templates with the point-and-click TIP Development Kit and make them instantly available to the entire WebSphere Cast Iron Cloud integration user community.

Flexible packaging options

WebSphere Cast Iron Hypervisor Edition offerings provide 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, perform UI mashups, 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.
- **Unlimited 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.

Reference information

For information on WebSphere Cast Iron Live and WebSphere Cast Iron Express, refer to Software Announcement [211-291](#), dated August 16, 2011.

For information on WebSphere DataPower Cast Iron Appliance XH40, refer to Hardware Announcement [110-257](#), dated November 23, 2010.

Program number

Program name	VRM	Program number
IBM WebSphere Cast Iron Hypervisor Edition Standard	V6.1	5725-C11
IBM WebSphere Cast Iron Hypervisor Edition Enterprise	V6.1	5725-C12

Offering Information

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>

Publications

WebSphere Cast Iron Cloud integration publications will be available on September 14, 2011, at the online Information Center. Visit

<http://publib.boulder.ibm.com/infocenter/wci/v6r1m0/index.jsp>

Technical information

Specified operating environment

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 available disk space
- Select one of the supported configurations during installation:
 - 1 CPU, 4 GB RAM
 - 2 CPU, 8 GB RAM

Software requirements

Hypervisor Edition running on VMWare -- VMware ESX/ESXi 4.0 or 4.1

Hypervisor Edition running on Xen -- Xen server 4.0.0.0 running on Red Hat Enterprise Linux™ Server release 5.6

Studio component of WebSphere Cast Iron Hypervisor Edition requires Microsoft™ Windows™ XP, Window Vista or Windows 7

The web management console of WebSphere Cast Iron Hypervisor Edition V6.1 requires:

One of the following browsers:

- Microsoft Internet Explorer v7 or v8
- Mozilla Firefox v3, v4, or v5

Adobe™ Flash Player v9 or v10

For WebSphere Cast Iron Cloud integration system requirements visit

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

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

Planning information

Packaging

Not applicable 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.

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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

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Charge metric

WebSphere Cast Iron Hypervisor Edition: (Passport Advantage)

Program name	PID number	Charge unit description
IBM WebSphere Cast Iron Hypervisor Edition Standard V6.1	5725-C11	Per Install Per Application Instance
IBM WebSphere Cast Iron Hypervisor Edition Enterprise V6.1	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.

Application Instance

Application Instance is a unit of measure by which the program can be licensed. An entitlement is required for each instance of an application connected to or managed by the program. An application in a test, development, staging, or production environment is each considered to be a separate instance of the application and each must have an entitlement. As well, multiple Application Instances in a single environment are each considered to be separate instances of the application and each must have an entitlement.

Product description	Product ID
WebSphere Cast Iron Hypervisor Edition Standard V6	5725-C11
WebSphere Cast Iron Hypervisor Edition Enterprise V6	5725-C12

Passport Advantage

Here is the complete listing of part numbers for WebSphere Cast Iron Hypervisor Edition:

WebSphere Cast Iron Hypervisor Edition Standard

Description	Part Number
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WebSphere Cast Iron Hypervisor Edition Standard
with 2 endpoints

OTC license - Per Install	
License + Software S&S 12 months	D0H3ILL
Annual Software S&S Renewal 12 months	E0AX4LL
Software S&S reinstatement 12 months	D0H3JLL

Fixed term license (FTL) - Per Install	
Initial FTL + S&S 12 months	D0H40LL
Subsequent FTL + S&S Renewal 12 months	E0AXDLL

WebSphere Cast Iron Hypervisor Edition Standard
Application Endpoints

OTC license - per Application Instance	
License + Software S&S 12 months	D0H3KLL
Annual Software S&S Renewal 12 months	E0AX5LL
Software S&S reinstatement 12 months	D0H3LLL

FTL - per Application Instance	
Initial FTL + S&S 12 months	D0H41LL
Subsequent FTL + S&S Renewal 12 months	E0AXELL

WebSphere Cast Iron Hypervisor Edition Standard
Unrestricted Application Endpoints

OTC license - Per Install	
License + Software S&S 12 months	D0LC4LL
Annual Software S&S Renewal 12 months	E0CTULL
Software S&S reinstatement 12 months	D0LC5LL

FTL - Per Install	
Initial FTL + S&S 12 months	D0LC3LL
Subsequent FTL + S&S Renewal 12 months	E0CTLL

WebSphere Cast Iron Hypervisor Edition Standard
for Development

OTC license - Per Install	
License + Software S&S 12 months	D0H3MLL
Annual Software S&S Renewal 12 months	E0AX6LL
Software S&S reinstatement 12 months	D0H3NLL

FTL - Per Install	
Initial FTL + S&S 12 months	D0H43LL
Subsequent FTL + S&S Renewal 12 months	E0AXFLL

WebSphere Cast Iron Hypervisor Edition Enterprise

Description	Part Number
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WebSphere Cast Iron Hypervisor Edition Enterprise
with 2 endpoints

OTC license - Per Install	
License + Software S&S 12 months	D0H3PLL
Annual Software S&S Renewal 12 months	E0AX7LL
Software S&S reinstatement 12 months	D0H3QLL

FTL - Per Install	
Initial FTL + S&S 12 months	D0H44LL
Subsequent FTL + S&S Renewal 12 months	E0AXGLL
WebSphere Cast Iron Hypervisor Edition Enterprise Application Endpoints	
OTC license - per Application Instance	
License + Software S&S 12 months	D0H3RLL
Annual Software S&S Renewal 12 months	E0AX8LL
Software S&S reinstatement 12 months	D0H3SLL
FTL - per Application Instance	
Initial FTL + S&S 12 months	D0H45LL
Subsequent FTL + S&S Renewal 12 months	E0AXHLL
WebSphere Cast Iron Hypervisor Edition Enterprise Unrestricted Application Endpoints	
OTC license - Per Install	
License + Software S&S 12 months	D0LC7LL
Annual Software S&S Renewal 12 months	E0CTWLL
Software S&S reinstatement 12 months	D0LC8LL
FTL - Per Install	
Initial FTL + S&S 12 months	D0LC6LL
Subsequent FTL + S&S Renewal 12 months	E0CTVLL
WebSphere Cast Iron Hypervisor Edition Enterprise for Development	
OTC license - Per Install	
License + Software S&S 12 months	D0H3VLL
Annual Software S&S Renewal 12 months	E0AXALL
Software S&S reinstatement 12 months	D0H3WLL
FTL - Per Install	
Initial FTL + S&S 12 months	D0H47LL
Subsequent FTL + S&S Renewal 12 months	E0AXJLL

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 V6.1 multilingual - Media pack	BA11VML
WebSphere Cast Iron Hypervisor Edition Enterprise V6.1 multilingual - Media pack	BA11WML

Terms and conditions

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License Information form number

L-AFOS-8JNL6C - WebSphere Cast Iron Hypervisor Edition V6.1

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

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. Data Quality Features: The specific data quality features or activities within the program (for example, filter and profile, look up, sort, and merge)
2. User Interface (UI) Mashups: Developing a UI Mashup means rendering integrated data from one application endpoint into the user interface of another application endpoint using the program
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.

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Other support

Passport Advantage

System i Software Maintenance applies

No

Variable charges apply

No

Educational allowance available

Not applicable.

Prices

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

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