



IBM WebSphere Cast Iron Live V6.3 and IBM WebSphere Cast Iron Express V6.3 provide externalization of services through web APIs and rapid cloud integration

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At a glance

WebSphere® Cast Iron® Live is a multi-tenant cloud service offering platform which consists of both a web API services offering and an integration services offering.

WebSphere Cast Iron Live Web API Services offers a complete set of web API capabilities that helps you:

- Rapidly create new APIs from existing business assets or cloud services through configuration
- Provide security and robust scalability
- Transform and grow your business with insights
- Attract partners and innovative application developers, both internally and externally
- Access solutions within a matter of minutes

WebSphere Cast Iron Live Integration Services helps you:

- Integrate in days, instead of weeks or months
- Synergize with other IBM® integration products by serving as the cloud gateway, allowing SaaS applications to become part of the larger integration framework
- Work cooperatively with IBM Mobile Foundation to externalize enterprise data and processes in mobile applications

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 are transforming their business to engage in new ways with their clients, employees, and business partners. Several trends have emerged as a result of this transformation:

- **Software as a Service (SaaS) is 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.
- **Web APIs:** Allow businesses to quickly integrate with multiple partners in a simplified and standard way. They also allow companies to tap into the large external and internal developer pools. These developers may have innovative business ideas that can fill gaps the company did not have the time or the resources to cover. This helps create a mutually beneficial partnership and may even fundamentally change how the company does business.

WebSphere Cast Iron Live is a multi-tenant cloud service offering which consists of both web application programming interface (API) services and integration services. These services enable companies to orchestrate and create new web APIs, secure and manage the web APIs, gain business insight with analytics, socialize the web APIs in communities, and quickly integrate their cloud services with on-premise applications and enterprise systems.

Web API services

Markets are changing faster than ever. Companies are challenged by a shortage of skilled resources, time, and money to implement and maintain critical business applications that allow them to reach new channels and maintain a competitive edge, especially with the multitude of devices available today. Additionally, integration with new and existing partners is taking too long. To help resolve these challenges, some companies are externalizing core services as web APIs. For the externalization of services as web APIs, a web API management solution can be the key to success by providing easy assembly of new APIs, enabling security, providing management and insight, and fostering community socialization.

Today, IBM is announcing additional web API services, capabilities, and enhancements with IBM WebSphere Cast Iron Live V6.3. The web API services provide capabilities for assembling, securing, and scaling the web APIs, analytics for business operations, a DevOps dashboard for the API provider, and a developer portal to socialize the APIs and manage developer applications.

Web API services key benefits

WebSphere Cast Iron Live provides a complete set of web API capabilities and can offer these key benefits:

- **Quick access to a solution:** With an easy-to-use UI and configuration capabilities, quick access to the benefits of the solution can be realized.
- **Rapid API proxying and assembly:** Web API assembly and proxying capabilities are provided to allow rapid creation of new APIs from existing business assets or cloud services through configuration.
- **Security and robust scalability capabilities:** Web APIs can be configured for authentication with Basic Auth and API keys. In addition, message size and burst rate limits help protect web APIs from denial of service threats. Robust scalability of the web APIs is achieved through configurations of the caching mechanisms, quota management, and flood control.
- **Empowerment for change and growth:** Web APIs are natural sources of analytic data, from how people are purchasing or utilizing a company's products or services to how application developers are using the web APIs. Cast Iron provides business analytics capabilities that may help you leverage this information to transform and grow your business.
- **Nurturing of innovation:** A company may attract partners and innovative application developers by using the developer community to promote and market its web APIs. These developers, whether internal or external, can use the developer community to develop applications that expand a business's brand loyalty, open new channels of business, and may fundamentally change the way you do business.

Integration services

With all their benefits, SaaS applications, mobile applications, and the externalized web APIs 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 a hybrid environment.

The WebSphere Cast Iron integration service 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. In addition to WebSphere Cast Iron Live Integration Services, this solution is available in additional flexible and rapid deployment form-factors including:

- Virtual appliance - WebSphere Cast Iron Hypervisor Edition
- Physical appliance - WebSphere DataPower® Cast Iron Appliance XH40

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.

With WebSphere Cast Iron Live V6.3, IBM continues to expand upon the integration services capabilities to address the needs of hybrid environments by providing access to application data for application developers.

Integration services key benefits

Companies that adopt cloud and SaaS applications view application integration as an important component to harmonize business processes across their hybrid applications. WebSphere Cast Iron Live 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:** These options include:
 - 60-day trial: Cast Iron Express
 - 90-day trial: Cast Iron Live Web API

Trials allow you to try and buy, in a self-serve fashion.

Key prerequisites

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

Planned availability date

- WebSphere Cast Iron Express - December 14, 2012 (electronic)
- WebSphere Cast Iron Live Standard Edition - December 14, 2012 (electronic)
- WebSphere Cast Iron Live Enterprise Edition - December 14, 2012 (electronic)

Description

Today's dynamic business environments and economic uncertainty mean organizations must work smarter to remain competitive and respond to changing demands for better and newer products and services at lower costs. Working smarter means having the agility to take advantage of new revenue opportunities and address competitive threats. Working smarter also means being able to 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. 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 Live is a multi-tenant cloud service offering platform which consists of both a web API services offering and an integration services offering. These services help companies quickly orchestrate and create new web APIs, secure and manage the web APIs, gain business insight with analytics, socialize the web APIs in communities, and integrate their cloud services with on-premise applications and enterprise systems.

Web API services

IBM announces new enhancements for web API services with WebSphere Cast Iron Live V6.3. The web API services provide the capabilities needed to externalize and manage your services as web APIs.

WebSphere Cast Iron Live Web API Services delivers the following sets of new and enhanced capabilities in the following focused areas:

- **API assembly:**
 - Capability to define human-readable error messages that an API can return, making it easier for your application developers to work with your API
 - Improved debugging capabilities that allow the API provider to understand and drill down into both simple and complex assembly scenarios to troubleshoot errors and issues
 - Support for arrays and collections in the API assembly, enabling more complex assemblies and more formats in the API response messages
- **Business analytics:**
 - Support to provide additional details via analytics to help enable a more complete understanding of the analytics results

Integration services

WebSphere Cast Iron Live helps you quickly connect the hybrid environment comprised of cloud and on-premise applications and may help achieve lower cost and higher return on investment in cloud, SaaS, and mobile applications.

WebSphere Cast Iron Express is a business-user-friendly, self-service cloud offering for SaaS administrators that allows organizations to rapidly connect and integrate data between your salesforce.com applications and other applications.

WebSphere Cast Iron Live Integration Services can deliver the following sets of capabilities:

- Integration scenarios
- Connectivity
- Reusability

Integration scenarios

WebSphere Cast Iron Live Integration Services 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 and enrich data, 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 Live 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. These 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

WebSphere Cast Iron Live Integration Services 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 Live integration user community.

Flexible packaging options

WebSphere Cast Iron Live and WebSphere Cast Iron Express offerings provide various subscription options:

- Monthly subscription pricing

- Flexible subscription period from 1 to 60 months
- Multiple billing options for subscription charges, including monthly, quarterly, annually, and prepaid

For additional information, refer to the [Ordering information](#) section.

Trial version of WebSphere Cast Iron Express V6.3

WebSphere Cast Iron Express is designed on the same multi-tenant cloud WebSphere Cast Iron Live platform and provides salesforce.com administrators the ability to connect their salesforce.com application with other on-premise databases and flat files. WebSphere Cast Iron Express includes the ability to connect two applications with an option to acquire additional supported application endpoints.

WebSphere Cast Iron Express V6.3 includes an evaluation version to be available beginning on December 14, 2012. This IBM SaaS offering may be used for internal evaluation, testing, or demonstration purposes for 60 days. The terms of the "International Agreement for Early Release of IBM SaaS and Hosted Program Offerings," including the IBM SaaS Terms of Use agreement, apply during this time. You must obtain an authorization to use IBM WebSphere Cast Iron Express V6.3 on a trial basis. Terms and conditions for the use of the trial version of IBM WebSphere Cast Iron Express V6.3 are available at

<http://express.castiron.com/>

Trial version of IBM WebSphere Cast Iron Live Web API Services Standard Edition V6.3

WebSphere Cast Iron Live includes an evaluation version of IBM WebSphere Cast Iron Live Web API Services Standard Edition V6.3 to be available beginning on December 14, 2012. This IBM SaaS offering may be used for internal evaluation, testing, or demonstration purposes for 90 days. The terms of the "International Agreement for Evaluation of IBM SaaS Offering," including the IBM SaaS Terms of Use agreement, apply during this time. You must obtain an authorization to use IBM WebSphere Cast Iron Live Web API Services Standard Edition V6.3 on a trial basis. Terms and conditions for the use of the trial version of IBM WebSphere Cast Iron Live Web API Services Standard Edition V6.3 are available at

<http://webapi.castiron.com/>

Additional WebSphere Cast Iron solutions

For information about how to acquire the WebSphere DataPower Cast Iron Appliance XH40 or WebSphere Cast Iron Hypervisor Edition, contact your IBM representative or IBM Business Partner, or visit

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

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

Reference information

For information on WebSphere Cast Iron Hypervisor Edition V6.3, refer to Software Announcement [212-494](#), 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 information on WebSphere DataPower Cast Iron Appliance XH40, refer to Hardware Announcements [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 additional information on IBM Mobile Platform applications, refer to Software Announcements [212-157](#), dated April 24, 2012 and [212-486](#), dated November 13, 2012 .

Program number

Program name	VRM	Program number
IBM WebSphere Cast Iron Live Standard Edition	V6.3	5725-F70
IBM WebSphere Cast Iron Live Enterprise Edition	V6.3	5725-F71
IBM WebSphere Cast Iron Express	V6.3	5725-F72

Education support

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.

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 Live publications will be available on December 14, 2012, in the online Information Center. Visit

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

Technical information

Specified operating environment

Hardware requirements

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).

The secure connector requires Intel™ x86 technology-compatible PC hardware which is capable of running the required level of a compatible operating system.

Software requirements

WebSphere Cast Iron Live V6.3 and WebSphere Cast Iron Express V6.3 :

Web management console with studio tooling requires:

- Microsoft Windows XP or Windows 7 operating system
- 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

The secure connector requires:

- One of the following compatible operating systems:
 - Microsoft Windows XP, Windows Server 2008, or Windows 7
 - Fedora Linux™
- Java™ Development Kit (JDK) 1.6

WebSphere Cast Iron Express tooling requires:

- Microsoft Windows XP or Windows 7 operating system
- One of the following browsers:
 - Microsoft Internet Explorer V8, or later
 - Mozilla Firefox V3, or later
 - Google Chrome V23

For the most current WebSphere Cast Iron Live 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

No software is shipped with this offering.

IBM WebSphere Cast Iron Live Web API Services is available at

<http://webapi.castiron.com/>

IBM WebSphere Cast Iron Live Integration Services is available at

<http://cloud2.castiron.com>

IBM WebSphere Cast Iron Express is available at

<http://express.castiron.com/>

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

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

Product group: WebSphere

Product Identifier Description	Program number
IBM WebSphere Cast Iron Live Standard Edition V6.3	5725-F70
IBM WebSphere Cast Iron Live Enterprise Edition V6.3	5725-F71
IBM WebSphere Cast Iron Express V6.3	5725-F72

Product category: Application Integration Middleware Other

Charge metric

WebSphere Cast Iron Live V6.3: (Passport Advantage)

Program/service name	Program number	Charge unit description
IBM WebSphere Cast Iron Live	5725-F70	Per install

Standard Edition V6.3		Per application instance Per 10 million server calls (MSC)
IBM WebSphere Cast Iron Live Enterprise Edition V6.3	5725-F71	Per install Per application instance
IBM WebSphere Cast Iron Express V6.3	5725-F72	Per install

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.

Product	Program number
IBM WebSphere Cast Iron Live Standard Edition V6.3	5725-F70
IBM WebSphere Cast Iron Live Enterprise Edition V6.3	5725-F71
IBM WebSphere Cast Iron Express V6.3	5725-F72

Passport Advantage

Here is the complete listing of part numbers for WebSphere Cast Iron Live V6.3 and WebSphere Cast Iron Express V6.3:

IBM WebSphere Cast Iron Live Standard Edition V6.3 (5725-F70)

IBM WebSphere Cast Iron Live Web API Services Standard Edition, a chargeable component of IBM WebSphere Cast Iron Live Standard Edition V6.3, has a charge metric of 10 Million Server Calls, and is subject to the following tiered structure. This component also has an overage charge.

Tier structure

Tier	10 million server calls minimum	10 million server calls maximum
1	1	1
2	2	10
3	11	25
4	26	+

Overage charge description

If your actual usage of the IBM SaaS exceeds the entitlement specified in a PoE or Transaction Document, then you will be invoiced for the overage in accordance with the overage rates specified in the applicable PoE or Transaction Document.

Product name/Description	Part number
IBM WebSphere Cast Iron Live Integration Services Standard Edition with 2 Endpoints - per install	
Per month	D0NF8LL
Partial month charge	D0NF9LL

IBM WebSphere Cast Iron Live Integration Services Standard Edition Application Endpoints - per application instance Per month	D0NFALL
Partial month charge	D0NFBL
IBM WebSphere Cast Iron Live Integration Services Standard Edition Development Edition - per install Per month	D0NFCLL
Partial month charge	D0NFDLL
IBM WebSphere Cast Iron Live Integration Services Standard Edition Unrestricted Application Endpoints - per install Per month	D0NFELL
Partial month charge	D0NFFLL
IBM WebSphere Cast Iron Live Web API Services Standard Edition 10 Million Server Calls Per month	D0PQMLL
Partial month charge	D0PQNLL
Overage	D0PQPLL

IBM WebSphere Cast Iron Live Enterprise Edition V6.3 (5725-F71)

Product name/Description	Part number
IBM WebSphere Cast Iron Live Enterprise Edition with 2 Endpoints - per install Per month	D0NFLLL
Partial month charge	D0NFMLL
IBM WebSphere Cast Iron Live Enterprise Edition Application Endpoints - per application instance Per month	D0NFNLL
Partial month charge	D0NFPLL
IBM WebSphere Cast Iron Live Enterprise Edition Unrestricted Application Endpoints - per install Per month	D0NFSLL
Partial month charge	D0NFTLL
IBM WebSphere Cast Iron Live Enterprise Development Edition - per install Per month	D0NFQLL
Partial month charge	D0NFRLL

IBM WebSphere Cast Iron Express (5725-F72)

Product name/Description	Part number
IBM WebSphere Cast Iron Express with 2 Endpoints - per install Per month	D0NFHLL
Partial month charge	D0NFI LL
IBM WebSphere Cast Iron Express Application Endpoints - per application instance Per month	D0NFJLL
Partial month charge	D0NFKLL

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 Passport Advantage Agreement and the IBM SaaS Terms of Use Agreement.

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Subscription

The IBM International Passport Advantage Agreement and the IBM SaaS Terms of Use agreement govern your use of this offering.

Technical Support

Technical Support is provided for the IBM SaaS and Enabling Software, as applicable, during the Subscription Period. Any enhancements, updates, and other materials provided by IBM as part of any such Technical Support are considered to be part of the IBM SaaS or Enabling Software, as applicable, and therefore governed by these Terms of Use. Technical Support is included with the IBM SaaS and is not available as a separate offering.

Refer to additional technical support information in the IBM Software as a Service Terms of Use document for the Program.

Terms of use

The program's Terms of Use document is available on the IBM Software as a Service Terms of Use website

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

Limited warranty applies

No

Money-back guarantee

No

Volume orders (IVO)

No

Passport Advantage applies

Yes, and through the Passport Advantage website at

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

Software Subscription and Support applies

No

Other support

Passport Advantage

System i Software Maintenance applies

No

Variable charges apply

No

Educational allowance available

Not applicable

Statement of good security practices

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

Prices

For all local charges, contact your IBM representative.

Business Partner information

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

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

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

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