IBM WebSphere Cast Iron Live V6.2 provides externalization of services through web APIs and rapid integration for hybrid environments

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At a glance

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

WebSphere Cast Iron Live Web API Services provides a complete set of web API capabilities and can:

- Allow rapid creation of new APIs from existing business assets or cloud services through configuration
- Provide robust security and scalability
- Empower you to change and grow your business with insights
- Attract more partners and innovative application developers, both internally and externally

WebSphere Cast Iron Live Integration Services can:

- Reduce SaaS integration costs as compared to traditional approaches
- Help eliminate complex coordination or specialized IT skills for deployment
- Help enable companies to integrate in days, instead of weeks or months
- Allow mobile application developers to present relevant information from back-end data sources

Overview

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 dealing with 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, and sometimes by pure partner pressures, companies are externalizing core service as web APIs. Web APIs are a business's public persona. They 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 have innovative business ideas that can fill gaps the company did not have the time or the resources to cover. This creates a mutually beneficial partnership and fundamentally changes how the company does business. 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 introducing web API services with IBM® WebSphere Cast Iron Live V6.2. The web API services provide capabilities for web API assembly and for securing and scaling the web APIs, analytics for business operations, DevOps for application developers, and a developer portal to socialize the APIs.

Web API services key benefits

Companies externalizing their services as web APIs are looking for a solution that provides a complete set of web API management capabilities in a single solution. WebSphere Cast Iron Live provides a complete set of web API capabilities and can offer these key benefits:

- **Rapid API assembly:** Web API assembly capabilities are provided to allow rapid creation of new APIs from existing business assets or cloud services through configuration.
- **Robust security and scalability:** Leveraging IBM's industry-leading security expertise, web APIs can be configured for authentication with Basic Auth and API keys. In addition the web APIs are protected against a multitude of web threats. Robust scalability of the web APIs is achieved through configurations of the caching mechanisms and quota management.
- **Empowerment for change and growth:** Web APIs are natural sources of analytic data, from how people are purchasing or leveraging a company's products or services to how application developers are using the web APIs. IBM provides the business insight with the analytics to empower you to change and grow your business.
- **Nurturing innovation:** With a robust developer community to promote and market the company's web APIs, a company can attract more partners and innovative application developers, both internally and externally, who develop applications that expand a business's brand loyalty, open new channels of business, and can fundamentally change the way you do business.

Integration services

As the popularity of Software as a Service (SaaS) and cloud applications grows, businesses face hurdles in expanding department-level solutions for reducing cost and increasing the effectiveness of specific employee teams, while supporting the wider enterprise. On a daily basis, your employees 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 users with the latest information. In addition, many organizations are adopting mobile solutions to reach out to newer markets and clients more pervasively.

For these types of hybrid environments, WebSphere Cast Iron integration provides trusted and rapid cloud application integration to the on-premise system and applications. WebSphere Cast Iron integration is available in three flexible and rapid deployment form-factors:

- Multi-tenant cloud - WebSphere Cast Iron Live Integration Services
- 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.

Key prerequisites

For details, refer to the Hardware requirements and Software requirements sections.

Planned availability date

- WebSphere Cast Iron Live Standard Edition - June 15, 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 your business needs the agility to take advantage of new revenue opportunities and address competitive threats. You must be 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 which consists of both web API services and integration services. These services enable companies to 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 introduces web API services with WebSphere Cast Iron Live V6.2. The web API services provide the capabilities needed to externalize your services as web APIs and manage them economically.

WebSphere Cast Iron Live Web API Services delivers the following sets of capabilities:

- **API assembly:** Through a simple user interface (UI), you can build and expose APIs. Users are able to expose Representational State Transfer (REST) APIs for their on-premise endpoints such as databases or FTP. They also are able bring data from multiple endpoints, aggregate them, and expose them as a new REST API, all through simple configuration and no coding.
- **Security and scalability:** Web API services ensure your enterprise is protected by providing support for both Transport Layer Security (TSL) and Secure Sockets Layer (SSL), which protects the data in transit. With visibility into OAuth flows, traffic can be controlled through quotas. Configurations for quota management of API requests include transaction rate and data quantity. Additional scalability can be achieved through the configuration of the caching of the API HTTP responses.
- **Business analytics:** Through robust business analytics, you can understand how the API is being used, which application developer has the most active applications, and what devices are sending the most traffic through the API. This type of information allows you to tailor your API and business to support the higher-priority channels.
- **Developer and community management:** Attracting, on-boarding, and nurturing of application developers and the application developer community becomes extremely important to the success of a web API program. The web API services provide for quick self-service developer on-boarding with induction into

your developer community. A developer portal is provided which can be branded to a company's website. The developer portal provides documentation of the API and links to samples. Developers can communicate and stay up to date through integrated social media avenues.

Integration services

WebSphere Cast Iron Live integration 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. WebSphere Cast Iron Live Integration Services allows you to design, run, and manage integrations in the cloud and mobile application developers can access data from various application data sources whether it's in the cloud or on-premise.

For additional information on IBM Mobile Foundation, refer to Software Announcement 212-157, dated April 24, 2012.

For additional information on integration services capabilities, refer to IBM WebSphere Cast Iron Live V6.1 Software Announcement 211-291, dated August 16, 2011 and Software Announcement 211-327, dated August 23, 2011.

Flexible packaging options

WebSphere Cast Iron Live SaaS 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 IBM WebSphere Cast Iron Live Web API Services Standard Edition V6.2

The Program includes an evaluation version of IBM WebSphere Cast Iron Live Web API Services Standard Edition V6.2. This Program may be used for internal evaluation, testing, or demonstration purposes for 90 days. The terms of the "IBM International License Agreement for Evaluation of IBM SaaS Offering" apply during this time. If Licensee wants to use IBM WebSphere Cast Iron Live Web API Services Standard Edition V6.2 on a trial basis, Licensee must obtain an authorization. Terms and conditions for the use of the trial version of IBM WebSphere Cast Iron Live Web API Services Standard Edition V6.2 at

http://webapi.castiron.com/

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

http://www-01.ibm.com/software/integration/cast-iron-cloud-integration/howtobuy/

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 IBM WebSphere Cast Iron Hypervisor Edition V6.1, refer to Software Announcement 211-327, dated August 23, 2011.

For additional information on IBM Mobile Foundation, refer to Software Announcement 212-157, dated April 24, 2012.

For information on IBM WebSphere Cast Iron Live subscription options, refer to Software Announcement 211-486, dated November 29, 2011.

For information on WebSphere DataPower Cast Iron Appliance XH40, refer to Hardware Announcement 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.

Program number

```
                                                Program
Program name                     VRM            number

IBM WebSphere Cast Iron Live     V6.2           5725-F70
 Standard Edition
```

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 June 15, 2012, in the online Information Center. Visit

http://pic.dhe.ibm.com/infocenter/wci/v6r2m0/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, capable of running the required level of a compatible operating system.

Software requirements

WebSphere Cast Live V6.2:

Web management console with studio tooling requires:

- Microsoft Windows XP, Windows Vista, or Windows 7 operating system
- One of the following browsers:
  - Microsoft Internet Explorer V7, or later
  - Mozilla Firefox V3, or later
- Adobe™ Flash Player

The secure connector requires:

- One of the following compatible operating systems:
  - Microsoft Windows XP, Windows Vista, Windows Server 2003, Windows Server 2008, or Windows 7
  - Fedora Linux™
- Java™ Development Kit (JDK) 1.6

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

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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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


                                         Program
  Product Identifier Description          number

  IBM WebSphere Cast Iron Live           5725-F70
   Standard Edition V6.2


Product category: Application Integration Middleware Other
```

Charge metric

WebSphere Cast Iron Live V6.2 (Passport Advantage):

```
                           Program        Charge unit
Program/service name       number         description

IBM WebSphere Cast Iron Live 5725-F70     Per install
 Standard Edition V6.2                    Per application
                                          instance
                                          Per 10 million
                                          server calls (MSC)
```

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.

Million Server Calls (MSCs)

Million Server Calls (MSCs) is a unit of measure by which the IBM SaaS can be obtained. MSCs are one (1) million server calls. A server call is data passed to and processed by IBM SaaS as a result of a tagged event, initiated by a tracked visitor for one Client ID. A server call processed by different Client IDs will be counted as a unique server call for each unique Client ID. A Client ID separates and/or controls access rights to data in the IBM SaaS which may encompass processed data from one or more client websites. Sufficient entitlements must be obtained to cover the number of MSCs used during the measurement period specified in a Proof of Entitlement (PoE) or Transaction Document.

Product	Program number
IBM WebSphere Cast Iron Live Standard Edition V6.2	5725-F70

Passport Advantage

IBM WebSphere Cast Iron Live Standard Edition V6.2 (5725-F70)

IBM WebSphere Cast Iron Live Web API Services Standard Edition, a new chargeable component of IBM WebSphere Cast Iron Live Standard Edition V6.2, has a charge metric of 10 Million Server Calls, and is subject to the following tiered structure. This new 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 or more	

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	D0NFBLL
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
```

For ordering information for IBM WebSphere Cast Iron Live Enterprise Edition and IBM WebSphere Cast Iron Express, refer to IBM WebSphere Cast Iron Live V6.1 Software Announcement 211-291, dated August 16, 2011.

Terms and conditions

The information provided in this announcement letter is for reference and convenience purposes only. The terms and conditions that govern any transaction with IBM are contained in the applicable contract documents such as the IBM International Program License Agreement, IBM International Passport Advantage Agreement, and the IBM Agreement for Acquisition of Software Maintenance.

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

License Information form number

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 Live" 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

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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   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.

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.

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http://www.ibm.com/planetwide/us/

Corrections

(Corrected on April 26, 2012)
Information regarding trial software was revised.