IBM MessageSight V1.1 delivers mobile and machine-to-machine communication within and beyond the enterprise

Table of contents

1 Overview
2 Key prerequisites
3 Planned availability date
4 Description
5 Program number
6 Technical information
7 Ordering information
8 Terms and conditions
9 Prices
10 Announcement countries
11 Corrections

At a glance

IBM® MessageSight V1.1 delivers enhancements to IBM mobile and machine-to-machine (m2m) messaging capabilities. It provides high-performance, reliable, and scalable messaging that is designed specifically for m2m and Internet of Things scenarios.

Enhancements include:

- Mobile applications that gain scalable access to Java™ Enterprise Edition (JEE) enterprise applications
- Single sign-on from mobile device right through to enterprise applications
- Ability to notify disconnected clients that there are messages waiting for delivery on MessageSight
- Enhanced MessageSight dashboard
- Remote monitoring of MessageSight from client devices
- Support for the strongest United States Federal government security recommendation, NIST 800-131A
- Ability to use client certificate identity for authentication and authorization
- New, free-of-charge, virtual MessageSight image to speed up mobile and m2m development

Overview

By processing large volumes of events in near real time, MessageSight seeks to deliver the performance, value, and simplicity organizations need to assist them to accommodate the ever-growing multitude of mobile devices and sensors. It delivers messaging for the edge of the enterprise to reach out to the expanding Internet of Things, by providing dramatic scaling in the number of concurrent devices that can be connected with timely information. These capabilities assist today’s organizations to be more engaged to support new systems of interaction with clients, partners, and employees by unlocking information in systems of record to enable business to be conducted anywhere.

MessageSight V1.1 enhancements include the ability to balance mobile workloads across enterprise application server clusters. The MessageSight resource adapter enables direct connection from MessageSight to the WebSphere® Application Server. This simplified Java Platform, Enterprise Edition architecture supports
quicker configuration, easier monitoring, and improved scaling by using WebSphere Application Server clusters for Java Platform, Enterprise Edition solutions.

MessageSight V1.1 provides single sign-on from mobile device right through to enterprise applications and enables single sign-on across WorkLight, WebSphere Application Server and MessageSight by using the Lightweight Third Party Authentication (LTPA) protocol. This capability enables a client to authenticate only once in a domain name system to access resources on other servers that support the LTPA protocol. For example, servers such as WebSphere Application Server and Worklight®.

MessageSight V1.1 enhances security to include support for the strongest United States Federal government security recommendations, NIST 800-131A. This means MessageSight can easily be configured so that it only permits connection by using the latest recommendations for stronger encryption keys and algorithms. This enhances overall solution security.

Operation of MessageSight is significantly improved with a new dashboard to provide system activity at-a-glance style summary information along with improved monitoring, user interface experience enhancements, and availability of programmatically accessible monitoring data.

Mobile and m2m developers are offered a virtual MessageSight image they can download, at no additional cost. They can develop mobile and m2m applications for production use with a physical MessageSight.

The virtual MessageSight image for developers may be obtained from the downloads page in the IBM Messaging Community in developerWorks® by visiting


**Key prerequisites**

Key prerequisites remain unchanged from MessageSight V1.0.

For details, refer to the Hardware and software requirements section.

**Planned availability date**

November 29, 2013

Availability of programs with encryption algorithm in France is subject to French government approval.

**Description**

MessageSight V1.1 delivers enhancements to IBM mobile and m2m messaging capabilities.

**Ability to access**

enterprise applications at scale from mobile devices.

- Mobile applications gain scalable access to Java Platform JEE enterprise applications.

The MessageSight resource adapter enables direct connection from MessageSight to WebSphere Application Server. This simplified JEE architecture supports quicker configuration, easier monitoring, and exceptional scaling by using WebSphere Application Server clusters for JEE solutions.
• Delivers a single sign-on from mobile device right through to enterprise applications.

MessageSight V1.1 enables single sign-on across WorkLight, WebSphere Application Server and MessageSight by using the LTPA protocol. This feature enables a client to authenticate only once in a domain name system to access resources on other servers that support the LTPA protocol. For example, servers such as WebSphere Application Server and Worklight.

• Disconnected Mobile apps can be notified messages are waiting for delivery from MessageSight.

Disconnected mobile clients can be notified that a message is waiting on MessageSight by utilizing mobile provider push notification, Short Message Service (SMS) or other method on reconnection.

Security enhancements

• MessageSight V1.1 includes support for the strongest United States Federal government security recommendation NIST 800-131A.

This means MessageSight can easily be configured so that it only permits connection by using the latest recommendations for stronger encryptions keys and algorithms. This enhances overall solution security.

• Uses client identity certificates for authentication and authorization.

   Enables "sign-at-foundry" style deployments in which each device is given a separate, client identity certificate. Certificates limit the messaging resources a given device is able to access. For example, each device could be restricted to subscribing to a topic which contains its common name.

Operational improvements

• The MessageSight V1.1 dashboard provides system activity; at-a-glance-style summary information; improved monitoring; and a user interface that significantly improves user experience.

• Monitoring data is now available programmatically.

   MessageSight V1.1 provides the ability for clients to subscribe to a topic to receive system statistics information.

Developer access

• Mobile and m2m developers can now download a virtual MessageSight image to develop mobile and m2m applications for production use with a physical MessageSight.

Accessibility by people with disabilities

A US Section 508 Voluntary Product Accessibility Template (VPAT) containing details on accessibility compliance can be requested at


Program number

<table>
<thead>
<tr>
<th>Program number</th>
<th>VRM</th>
<th>Program name</th>
</tr>
</thead>
<tbody>
<tr>
<td>5725-F96</td>
<td>V1.1.0</td>
<td>IBM MessageSight V1.1</td>
</tr>
</tbody>
</table>
Education support

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

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

The MessageSight Infocenter is available at product availability. Visit

https://pic.dhe.ibm.com/infocenter/ism/v1r0m0/index.jsp

Technical information

Specified operating environment

Hardware and software requirements

MessageSight V1.1

Physical specifications

- Weight 30 kg - 66.14 lb
- Height 86.5 mm - 3.41 in
- Width 482 mm - 18.98 in
- Depth 746 mm - 29.37 in

Electrical

MessageSight V1.1 has two 750-W power supplies:

- 100 - 127 (nominal) V ac; 50 Hz or 60 Hz; 8.9 A
- 200 - 240 (nominal) V ac; 50 Hz or 60 Hz; 4.5 A
  - Minimum configuration: 0.14 kVA
  - Maximum configuration: 0.90 kVA

Btu output:

- Minimum configuration: 419.68 Btu/hr (ac 123 watts)
- Maximum configuration: 3480.24 Btu/hr (ac 1020 watts)
Noise level:

- 6.6 bels (operating)
- 6.4 bels (idle)

Standards compliance

There are no software requirements for MessageSight V1.1.

Equipment approvals and safety

MessageSight V1.1 conforms to the following standards:

- CISPR 22, Class A
- Russia/GOST ME01, IEC-60950-1-2005, GOST R 51318.22-99, GOST R 51318.24-99, GOST R 51317.3.2-2006, GOST R 51317.3.3-2008
- IEC 60950-1 (CB Certificate and CB Test Report)

Operating environment

MessageSight V1.1 is designed for:

Power On:

- Temperature:
  - 10 to 35 C (50 to 95 F) for Altitude: 0 to 914 m (3,000 ft)
  - 10 to 28 C (50 to 82 degrees F) at 914 to 3,047 m (3,000 to 10,000 ft)
- Humidity:
  - Range: 20% to 80%
  - Maximum dew point: 21 degrees C (69.8 degrees F)
  - Maximum rate of change: 5 C/hr (41 F/hr) degrees/h

Power Off:

- Temperature: 5 to 45 degrees C (41 to 113 degrees F)
- Relative humidity: 5% to 80%
- Maximum dew point: 27 C (80.6 F)

Limitations

- ServeRAID M5100 Battery - One year
  
  Note: The ServeRAID M5100 Battery has a one-year warranty period effective on its "Date of Installation". All other product warranty terms for the machine remain unchanged.

Planning information

Customer responsibilities

Power supply requirements

MessageSight V1.1 has two 750-W, redundant power supplies, to provide N+N redundancy.

Service parts can be ordered from the IBM National Parts Center. Ordering procedures and terms are described in the Service Support Guide.
Global Technology Services®

Contact your IBM representative for the list of selected services available in your country, either as standard or customized offerings for the efficient installation, implementation, or integration of this product.

Ordering information

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

These products may only be sold directly by IBM or by authorized IBM Business Partners for Software Value Plus.

For more information about IBM Software Value Plus, visit

http://www.ibm.com/partnerworld/page/svp_authorised_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)

MessageSight V1.1 5725-F96

Product category: Appliance

For ordering information, consult your IBM representative or authorized IBM Business Partner, or visit


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 Attachment for Appliance Service to Passport Advantage.


Consult the IBM Appliance Support Handbook for further details on Appliance Warranty Service Upgrade options. Visit

http://www.ibm.com/software/appliance/support

This product is only available 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.

**License Information form number**

L-AVIL-9BPMDF: MessageSight V1.1

**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 SWG Appliance Support Handbook* found at


IBM will maintain this information for at least one year after the original licensee acquires the program (warranty period).

**Program technical support**

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. Appliance Subscription and Support (Appliance 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.

**Volume orders (IVO)**

No

**Passport Advantage applies**

Yes, and through the Passport Advantage website at


**Usage restriction**

Yes. Adding, removing, or replacing hardware components of MessageSight V1.1 system must be performed by IBM.

**Appliance Maintenance, Software Subscription and Support applies**

yes

For additional information on appliance services, consult the Appliance Services Attachment to Passport Advantage at

Software Subscription and Support applies
Yes.

System i® Software Maintenance applies
No

Variable charges apply
No

Educational allowance available
Education allowance does not apply.

Special education prices are available for qualified customers through Passport Advantage.

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.

Passport Advantage

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

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

IBM Global Financing

IBM Global Financing offers competitive financing to credit-qualified customers to assist them in acquiring IT solutions. Offerings include financing for IT acquisition, including hardware, software, and services, from both IBM and other manufacturers or vendors. Offerings (for all customer segments: small, medium, and large enterprise), rates, terms, and availability can vary by country. Contact your local IBM Global Financing organization or visit

http://www.ibm.com/financing

IBM Global Financing offerings are provided through IBM Credit LLC in the United States, and other IBM subsidiaries and divisions worldwide to qualified commercial and government customers. Rates are based on a customer's credit rating, financing terms, offering type, equipment type, and options, and may vary by country. Other restrictions may apply. Rates and offerings are subject to change, extension, or withdrawal without notice.
Financing from IBM Global Financing helps you preserve cash and credit lines, enables more technology acquisition within current budget limits, permits accelerated implementation of economically attractive new technologies, offers payment and term flexibility, and can help match project costs to projected benefits. Financing is available worldwide for credit-qualified customers.

For more financing information, visit

http://www.ibm.com/financing

MessageSight V1.1 is available in the following:

Angola, Austria, Denmark, Finland, Germany, Ireland, Norway, Sweden, Switzerland, UK, Belgium, Cyprus, Ethiopia, France, French Polynesia, Greece, Israel, Italy, Netherlands, Portugal, Spain, Luxembourg, Guadeloupe, Reunion, French Guyana, Bulgaria, Croatia, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Poland, Romania, Russia, Serbia, Slovakia, Slovenia, Turkey, Egypt, Ghana, Kenya, Morocco, Nigeria, Pakistan, South Africa, and Tunisia

Business Critical Service Upgrade is available in the following:

Austria, Denmark, Finland, Germany, Ireland, Norway, Sweden, Switzerland, UK, Belgium, Cyprus, France, French Polynesia, Greece, Luxembourg, Israel, Italy, Netherlands, Portugal, Spain, Bulgaria, Croatia, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Poland, Romania, Slovakia, Slovenia, Turkey, Egypt, Kenya, Morocco, Pakistan, South Africa, and Tunisia

Trademarks

IBM, WebSphere, developerWorks, Passport Advantage, Global Technology Services and System i are registered trademarks of IBM Corporation in the United States, other countries, or both.

Other company, product, and service names may be trademarks or service marks of others.

Terms of use

IBM products and services which are announced and available in your country can be ordered under the applicable standard agreements, terms, conditions, and prices in effect at the time. IBM reserves the right to modify or withdraw this announcement at any time without notice. This announcement is provided for your information only. Reference to other products in this announcement does not necessarily imply those products are announced, or intend to be announced, in your country. Additional terms of use are located at:


For the most current information regarding IBM products, consult your IBM representative or reseller, or visit the IBM worldwide contacts page

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

Corrections

(Corrected on March 11, 2014)
The Ordering information and Announcement countries sections are revised.