



IBM WebSphere Message Broker V6.1 delivers the enterprise service bus built for connectivity and transformation

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At a glance

WebSphere Message Broker continues to deliver significant new function that satisfies major client requirements.

- Ease-of-use improvements
- Enhanced support for service-oriented architecture (SOA)
- Extended connectivity
- Improved administration and system management facilities
- Extended platform support
- Improved performance
- Coexistence and migration support

For ordering, contact:

Your IBM representative or the Americas Call Centers at

800-IBM-CALL Reference: YE001

Overview

WebSphere® Message Broker V6.1 is the solution for clients who need an enterprise service bus (ESB) that delivers connectivity and transformation across heterogeneous IT environments.

WebSphere Message Broker delivers the key capabilities your organization needs to transform and route business data between applications. Because it can function as a message and protocol switch, you can connect disparate applications and business data across multiple platforms. It also delivers transformation and intelligent routing for all your business information. Business data is available exactly where you want it in the format you need it.

WebSphere Message Broker gives you a flexible and dynamic infrastructure to simplify application integration. With its robust design, scalable architecture, high performance, and ease of use, you can implement an enterprisewide SOA in stages.

With this flexible combination of functions, your organization has the tools to solve your integration requirements from any starting point: a simple two-application solution or a multi-application, multiplatform design. As your organization expands and the integration challenges multiply, WebSphere Message Broker can accommodate your changing business needs by:

- Expanding your infrastructure without increasing the complexity
- Protecting your existing and ongoing investments in applications and data structures

- Seamlessly extending your connectivity capabilities

WebSphere Message Broker can accommodate many IT environments with support for an array of application and middleware technologies. In addition, it offers the following benefits:

- Exploits the industry-leading WebSphere MQ messaging infrastructure.
- Supports a broad range of transport protocols and data formats.
- Offers numerous ways to customize mediation.
- Uses a simple programming model for connectivity and mediation, including a robust set of prebuilt mediation function.
- Supports transformation options with graphical mapping, Java™, ESQL, XSL, and WebSphere Transformation Extender.
- Delivers extensive administration and systems management facilities for developed solutions.
- Delivers similar performance to traditional transaction processing systems.

WebSphere Message Broker is the cost-effective solution that takes care of your enterprise's extensive integration and mediation needs today and protects your investment into the future.

Key prerequisites

Refer to the Software requirements and Hardware requirements sections.

Planned availability dates

- November 22, 2007: electronic software delivery
- December 14, 2007: media and documentation

Description

WebSphere Message Broker V6.1 delivers significant new function for integrating applications while continuing to improve performance, ease of use, and flexibility for developers and administrators.

Ease of use

- Get a quick start with a simple installation through the Launchpad; install the product and run a sample in less than an hour
- Shorten development time with a configuration-driven approach for all new nodes
- Use graphical tools and viewers to identify message locations and simplify routing and filtering for messages and databases
- Use the visual message trace for ease of debugging and testing

Enhanced SOA support

- Delivers support for Web Services Security and Web Services Addressing, and compliance for Basic Profile 1.1
- Strengthens security and accelerates Web Services Security processing with DataPower SOA Appliance
- Integration and enhancement of WebSphere Service Registry and Repository support to virtualize services for greater reuse

Extended connectivity

- Out-of-the-box nodes to simplify management and improve performance for key enterprise resource planning (ERP) integration scenarios (for example, SAP, Siebel, and PeopleSoft) through WebSphere Adapters packaged as native message-processing nodes. When deploying an Adapter node for SAP Software, Siebel Business Applications, or PeopleSoft

Enterprise to a broker, you must purchase a separate license entitlement for the appropriate WebSphere Adapter for all usages except unit testing, as defined in the WebSphere Message Broker license. See the Ordering information section for the license part numbers.

- Native support for large file processing, including FTP, to simplify processing of large, repeating complex file records without using excessive storage.
- New E-mail Output node.
- Integration with WebSphere Transformation Extender, including the Launcher, enabling WebSphere Transformation Extended maps to run natively in WebSphere Message Broker.

Administration and systems management

- Enterprise-wide identity, authentication, and authorization with Tivoli® and Lightweight Directory Access Protocol (LDAP) servers to enforce service policy at the user level for greater security
- Administration of both WebSphere MQ and WebSphere Message Broker networks in one console with the Eclipse-based Message Broker Explorer

Platform support and improved performance

- 64-bit capability on Linux™ and UNIX®, Java Database Connectivity (JDBC) XA support, and Java 5 on all supported platforms
- Ultra High Performance XML parser, including schema validation
- Compacted memory footprint
- Real-time graphical performance analysis
- Significant performance improvement on all supported platforms

Coexistence and migration support for previous levels

- Assets created in Message Broker V5.0 and V6.0 without change
- Roll back available with a single action
- Migration to V6.1 at your own pace

Consulting and services: IBM Services has the breadth, depth, and reach to manage your services needs. You can leverage the deep technical skills of WebSphere lab-based services and the business consulting, project management, and infrastructure expertise of the IBM Global Services team. Also, IBM Services extends its reach through IBM Business Partners to provide an unmatched portfolio of capabilities. Together, they provide the global reach, intellectual capital, industry insight, and technology leadership to support any critical business need.

For information on IBM Global Services, visit

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

To learn more about IBM Software Services, visit

<http://www.ibm.com/developerworks/websphere/services/>

To locate an IBM Business Partner, visit

<http://www.ibm.com/software/solutions/isv>

Accessibility by people with disabilities

Features of WebSphere Message Broker V6.1 and WebSphere Message Broker with Rules and Formatter Extension V6.1 that support use by people with disabilities include:

- The ability to use assistive technologies such as screen readers and screen magnifier software
- Facilities to customize display attributes such as color, contrast, and font size

- Capability of operating system using only keyboard

The product documentation is provided as part of the HTML-based accessible WebSphere Message Broker V6.1 and IBM WebSphere Message Broker with Rules and Formatter Extension V6.1 Information Center.

Section 508 of the U.S. Rehabilitation Act

WebSphere Message Broker with Rules & Formatter is capable as of December 21, 2007, when used in accordance with IBM's associated documentation, of satisfying the applicable requirements of Section 508 of the Rehabilitation Act, provided that any assistive technology used with the product properly interoperates with it.

You can request a U.S. Section 508 Voluntary Product Accessibility Template (VPAT) containing details on accessibility compliance at

http://www.ibm.com/able/product_accessibility/index.html

IPLA and Subscription and Support considerations: IPLA licenses can be transferred from one machine to another within, but not limited to an enterprise. You may aggregate the capacity for all the processors the product is operated on to achieve a more economic price. This will result in a single Proof of Entitlement (PoE). It is your responsibility to manage the distribution of Value Units within the limits of the entitlement of the product license.

Subscription and Support must cover the same capacity as the product license entitlement. Subscription and Support will be available in the country in which the agreement is made.

Product positioning

The WebSphere family of products includes software to meet your diverse integration needs as they span varying programming models, qualities of service, and multiple data types. Whether you are looking to exchange a limited amount of data or implement an enterprisewide SOA, you can meet your current and future needs with WebSphere software.

WebSphere Message Broker makes full use of the transport and connectivity options from WebSphere MQ and WebSphere Application Server. It offers additional routing and transformation capabilities to implement or extend an ESB.

- WebSphere Application Server is the leading J2EE application server and development environment. It includes a built-in JMS engine for messaging between J2EE applications.
- WebSphere MQ, available on more than 80 platform configurations, is the core of application integration connectivity, and integrates many differing platforms, systems, and applications. It delivers heterogeneous messaging, extending your ESB with assured, reliable message delivery.
- WebSphere Message Broker with Rules and Formatter Extension offers the full level of function provided by WebSphere Message Broker with additional support for the Rules and Formatter capability from New Era of Networks. This provides continuity for clients who require the use of IBM Rules and Formatter nodes.
- WebSphere MQ Extended Security Edition enhances WebSphere MQ with end-to-end, application-level data protection features. It enables enterprise-wide, remote management of security policies on your MQ network and can be deployed to existing production environments without changes to existing WebSphere MQ applications.
- WebSphere Partner Gateway is an environment for creating and managing supply chain partners integrated to your business. It also supports sending and receiving multiple data types over multiple protocol and transport layers. Whether you need to connect to just one or two key supply chain partners or define a network of potentially thousands of partners, editions of this offering can meet your needs.

Product extensions offer additional supported function available as a download from the Internet.

These product extensions are available from

<http://www-306.ibm.com/software/integration/support/supportpacs/>

Market-leading application integration software from IBM, including WebSphere MQ and WebSphere Message Broker, helps you:

- Quickly and economically address business integration issues
- Become more agile and take rapid advantage of new business opportunities
- Stay flexible
- Maintain customer orientation
- Gain competitive position advantage

WebSphere Message Broker enables you to maximize flexibility as an integrated On Demand Business by:

- Leveraging existing resources much more widely than was part of their original design
- Improving speed of implementation of changes to applications to respond to new opportunities, ensuring that application design and changes are focused on business logic rather than infrastructure details
- Anticipating and rapidly implementing IT changes as your business changes

Service-oriented architecture (SOA) and enterprise service bus (ESB): In an SOA, a connectivity layer often referred to as an ESB optimizes information distribution between service requesters and service providers. Each enterprise can deploy its own unique ESB, reflecting how far it has advanced toward becoming an On Demand Business.

As key members of the IBM WebSphere software portfolio, WebSphere MQ and WebSphere Message Broker enable you to begin deploying or widening the deployment of your ESB today.

These programs help maximize the value of your IT investment by broadening the range of environments this connectivity layer can reach, such as hardware and operating system platforms and non-standards-based programming models as well as J2EE and .NET.

For connecting these diverse programming models there needs to be proven delivery of messages and data between the applications. The proven delivery mechanisms of WebSphere MQ and WebSphere Application Server can extend the standards-based enterprise service bus with reliable connectivity throughout the enterprise. WebSphere Application Server messaging resources offer an optimal Java Message Service (JMS) implementation for use with J2EE-hosted applications. WebSphere MQ seamlessly extends those messaging resources to non-J2EE environments to integrate with many systems across more than 80 platform configurations.

WebSphere Message Broker adds services such as message routing, transformation enrichment, and support for a range of message distribution options and protocols to improve their flexibility and performance. You can integrate many types of applications on a wide range of systems, exchanging their data together in real time.

WebSphere software delivers integration capabilities that enable you to begin reaping the benefits of SOA with connectivity and integration through an ESB today.

IBM can help you to grow project-by-project toward an On Demand Business. WebSphere MQ, WebSphere Application Server, and WebSphere Message Broker play a pivotal role in creating SOAs and will continue to do so as IBM delivers enhanced capabilities to accelerate the deployment of an integration infrastructure that spans the entire IT ecosystem.

Statement of direction

IBM recognizes the need to support distributed deployments of WebSphere Adapters for WebSphere Message Broker customers. IBM intends to release a product offering to support this in the first half of 2008.

All statements regarding IBM's plans, directions, and intent are subject to change or withdrawal without notice.

Reference information

Refer to [207-247](#), dated October 9, 2007.

Refer to [207-232](#), dated October 9, 2007.

Trademarks

developerWorks is a trademark of International Business Machines Corporation in the United States or other countries or both.

WebSphere and Tivoli are registered trademarks of International Business Machines Corporation in the United States or other countries or both.

Java is a trademark of Sun Microsystems, Inc.

UNIX is a registered trademark of the Open Company in the United States and other countries.

Linux is a trademark of Linus Torvalds in the United States, other countries or both.

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

Education support

IBM training provides education to support many IBM offerings. Descriptions of courses for IT professionals and managers are on the IBM training Web site

http://www.ibm.com/services/learnin/g/ites.wss/tp/en?pageType=tp_search

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

Offering Information

Product information is available via the Offering Information Web site

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

Also, visit the Passport Advantage® Web site

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

Publications

A printed Quick Start Guide and Installation Guide are shipped with the product. Online product documentation is integrated within the product and is also supplied on the Quick Start CD-ROM.

The IBM Publications Center

<http://www.ibm.com/shop/publications/order>

The Publications Center is a worldwide central repository for IBM product publications and marketing material with a catalog of 70,000 items. Extensive search facilities are provided. Payment options for orders are via credit card (in the U.S.) or customer number for 20 countries. A large number of publications are available online in various file formats, and they can all be downloaded by all countries.

Technical information

Specified operating environment

Hardware requirements:

Any vendor hardware explicitly compatible with and fully capable of running the specified operating system, the corresponding supporting software, and associated applications unmodified. Responsibility to provide statement of full compatibility between machines lies with the original equipment provider.

For details, visit

<http://www-306.ibm.com/software/integration/wbimessagebroker/requirements/>

Software requirements:

For details, visit

<http://www-306.ibm.com/software/integration/wbimessagebroker/requirements/>

Compatibility: These programs represent a new release of the WebSphere® Message Broker family. WebSphere Message Broker and WebSphere Message Broker with Rules Formatter Extension share common components and sub-features not totally compatible with the following previous releases:

- WebSphere MQ Integrator® V2.1
- WebSphere MQ Integrator Broker V2.1
- WebSphere Business Integration Message Broker V5.0
- WebSphere Business Integration Message Broker with Rules and Formatter Extension V5.0

Migration considerations: Tools and utilities are available to assist migration from previous releases.

Performance considerations: For performance information, visit

<http://www.ibm.com/software/integration/support/supportpacs/>

Planning information

Customer responsibilities

Prerequisites: You must provide at least the minimum hardware and software environments in which the licensed programs operate.

Purchase requirements: Clients must identify the machine on which they will install WebSphere Message Broker products and purchase the required number of processor value units (VUs) with their order.

Problem determination: Problem determination (PD) is a client responsibility. PD is an assessment of whether a problem is caused by hardware or software. PD is complete only when the cause of the problem is identified. This assessment includes examination of available symptoms using the PD procedures documented in the product.

Problem source identification (PSI) is a client responsibility. PSI begins when software is determined to be the source of the problem. PSI includes tracing the source of the program to a host system control program (SCP), an application program, or another source. Assisting the client with PSI is an IBM service and support responsibility.

Installability: Several new features and functions have been added to enhance the initial user experience.

Refer to the Description section of this announcement.

Software Maintenance is included with licenses purchased through Passport Advantage and Passport Advantage Express. Product upgrades and technical support are provided by the Software Maintenance offering as described in the Agreements. Product upgrades provide the latest versions and releases to entitled software and technical support provides voice and electronic access to IBM support organizations, worldwide.

IBM includes one year of Software Maintenance with each program license acquired. The initial period of Software Maintenance can be extended by the purchase of a renewal option, if available.

Packaging

- WebSphere Message Broker V6.1
- WebSphere Message Broker with Rules and Formatter Extension V6.1

The two products are separate Media Packs containing DVDs and multiple CD-ROMs.

Each Media Pack supplies the complete appropriate WebSphere MQ V6.0 programs necessary to run WebSphere Message Broker V6.1 or WebSphere Message Broker with Rules and Formatter Extension V6.1 on the specified platforms, together with WebSphere MQ Everyplace™ V2.0.2.0, and DB2® Restricted Enterprise Server Edition V9.1 that has been customized to install with WebSphere Message Broker.

You can move to a full version of DB2 V9.1 at any time for an additional charge.

WebSphere Message Broker V6.1 contains:

- WebSphere Message Broker V6.1 CD-ROMs for Windows™, AIX®, HP-UX, Solaris on SPARC, Solaris x86-64, Linux™ x86, Linux x86-64, Linux on System z™, Linux on POWER™, HP on Itanium
- WebSphere Message Broker V6.1 DVDs for Windows and Linux x86
- WebSphere Message Broker Toolkit for Windows and Linux x86 CD-ROMs
- DB2 Restricted Enterprise Server Edition V9.1 for WebSphere Broker Products CD-ROMs
- WebSphere Message Brokers V6.1 Quick Start CD-ROM
- WebSphere MQ V6.0 server CD-ROMs
- WebSphere MQ Everyplace V2.0.2.0 CD-ROM

WebSphere Message Broker with Rules and Formatter Extension V6.1 contains:

- Rules and Formatter Runtime Extension CD-ROMs
- Rules and Formatter Design-time Extension CD-ROM for Windows and Linux x86
- WebSphere Message Broker V6.1 CD-ROMs for Windows, AIX, HP-UX, Solaris on SPARC, Solaris x86-64, Linux x86, Linux x86-64, Linux on System z, Linux on POWER, HP on Itanium
- WebSphere Message Broker V6.1 DVDs for Windows and Linux x86
- WebSphere Message Broker Toolkit for Windows and Linux x86 CD-ROMs
- DB2 Restricted Enterprise Server Edition V9.1 for WebSphere Broker Products CD-ROMs
- WebSphere Message Brokers V6.1 Quick Start CD-ROM
- WebSphere MQ V6.0 server CD-ROMs
- WebSphere MQ Everyplace V2.0.2.0 CD-ROM

Electronic Software Delivery (ESD)

Passport Advantage customers can download ESD images from

<http://www.lotus.com/home.nsf/welcome/passport>

Business Partners can download these images from

<http://www2.software.ibm.com/partnerweb/bpssoftware.nsf/>

This program when downloaded from a Web site, contains the applicable IBM license agreement, and License Information (LI), if appropriate and will be presented for acceptance at the time of installation of the program. The license and LI will be stored in a directory such as LICENSE.TXT for future reference.

Security, auditability, and control

WebSphere Message Broker products use the security and auditability features of the workstation or server operating system.

In addition, WebSphere Message Broker products implement a level of security that includes access control of queues and authorization between message queue managers.

The customer is responsible for evaluation, selection, and implementation of security features, administration procedures, and appropriate controls in application systems and communication facilities.

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Software Services

IBM Software Services has the breadth, depth, and reach to manage your services needs. You can leverage the deep technical skills of the IBM lab-based, software services team and the business consulting, project management, and infrastructure expertise of the IBM Global Services team. Also, IBM extends its Software Services reach through IBM Business Partners to provide an unmatched portfolio of capabilities. Together, they provide the global reach, intellectual capital, industry insight, and technology leadership to support any critical business need.

To learn more about Software Services or to contact a Software Services sales specialist, visit

<http://www.ibm.com/software/sw-services/>

To locate an IBM Business Partner, visit

<http://www.ibm.com/software/solutions/isv>

Ordering information

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

Product information

Licensed function title	Product group	Product category
IBM WebSphere Message Broker	IBM MQSeries(R)	MQSeries
IBM WebSphere Message Broker with Rules and Formatter Extension	IBM Application Integration Middleware Other	WebSphere
IBM WebSphere Adapter for PeopleSoft Enterprise	WebSphere Business Integration	WebSphere Business Integration Adapters
IBM WebSphere Adapter for SAP Software	WebSphere Business Integration	WebSphere Business Integration Adapters
IBM WebSphere Adapter for Siebel Business Applications	WebSphere Business Integration	WebSphere Business Integration Adapters
	PID	Charge unit

Program name	number	description
IBM WebSphere Message Broker	5724-J05	SubCapacity Value Unit
IBM WebSphere Message Broker	5724-J05	Value Unit
IBM WebSphere Message Broker	5724-J05	Value Unit
IBM WebSphere Message Broker	5724-J05	Processor Day
IBM WebSphere Message Broker	5724-J05	SubCapacity Value Unit
IBM WebSphere Message Broker with Rules and Formatter Extension	5724-J06	Value Unit
IBM WebSphere Message Broker with Rules and Formatter Extension	5724-J06	Value Unit
IBM WebSphere Message Broker with Rules and Formatter Extension	5724-J06	Processor Day
IBM WebSphere Message Broker with Rules and Formatter Extension	5724-J06	SubCapacity Value Unit
IBM WebSphere Message Broker with Rules and Formatter Extension	5724-J06	SubCapacity Value Unit
IBM WebSphere Adapter for PeopleSoft Enterprise	5724-I66	Application Instance(s)
IBM WebSphere Adapter for PeopleSoft Enterprise	5724-I66	Establishment
IBM WebSphere Adapter for SAP Software	5724-I66	Application Instance(s)
IBM WebSphere Adapter for SAP Software	5724-I66	Establishment
IBM WebSphere Adapter for SAP Software	5724-I66	Establishment
IBM WebSphere Adapter for Siebel Business Applications	5724-I66	Application Instance(s)
IBM WebSphere Adapter for Siebel Business Applications	5724-I66	Establishment

Charge metrics definitions:

Value Unit: A Value Unit is a pricing charge metric for program license entitlements which is based upon the quantity of a specific designated measurement used for a given program. Each program has a designated measurement. The most commonly used designated measurement is a processor core. However, for select programs, there are other designated measurements such as users, client devices, and messages. The number of Value Unit entitlements required for a program depends on how the program is deployed in your environment and must be obtained from a Value Unit table. You must obtain a PoE for the calculated number of Value Unit entitlements for your implementation. The Value Unit entitlements are specific to a program and may not be exchanged, interchanged, or aggregated with Value Unit entitlements of another program.

Processor (Value Unit): A processor core is a functional unit within a computing device that interprets and executes instructions. A processor core consists of at least an instruction control unit and one or more arithmetic or logic unit. With multicore technology, each core is considered a processor. Not all processor cores require the same number of Value Unit entitlements. To calculate the number of Value Unit entitlements required, refer to the value unit table on the following Web site

http://www-142.ibm.com/software/sw-lotus/services/cwepassport.nsf/wdocs/pvu_table_for_customers

With full capacity licensing, a PoE must be acquired for the appropriate number of value units based on all activated processor cores available for use on the server.

Sub-capacity processor (Value Unit): For programs eligible for sub-capacity licensing, a PoE must be acquired for the appropriate number of value units based on all activated processor cores available for use in each partition (utilizing eligible partitioning technologies) where the program runs. Refer to the International Passport Advantage Agreement Attachment for sub-capacity terms or the program's license information to determine applicable sub-capacity terms.

Passport Advantage program licenses

WebSphere Message Broker

Part description	Part number
IBM WebSphere Message Broker Message Broker Value Unit Annual SW Maintenance Renewal	E02AULL
Message Broker Value Unit License & SW Maintenance 12 Months	D56P3LL
Message Broker Value Unit Maintenance Reinstatement 12 Months	D56P4LL
Message Broker Value Unit from Qualified Comp Tradeup Lic+SW Maint 12 Mo	D61T4LL

WebSphere Message Broker with Rules & Formatter

Part description	Part number
IBM WebSphere Message Broker with Rules and Formatter Extension	
Message Broker with Rules & Formatter Value Unit Annual SW Maint Renewal	E025ALL
Message Broker with Rules & Formatter Value Unit Licence+SW Maint 12 Months	D55VALL
Message Broker with Rules & Formatter Value Unit SW Maint Reinstat 12 Mo	D55VBLL

IBM WebSphere Adapter for PeopleSoft Enterprise

Part description	Part number
IBM WebSphere Adapter for PeopleSoft Enterprise Adapter for PeopleSoft Application Instance(s) License & SW Maintenance 12	D555ZLL
Adapter for PeopleSoft Application Instance(s) SW Maintenance Annual Renew	E01TZLL
Adapter for PeopleSoft Application Instance(s) SW Maintenance Reinstatement	D5560LL
Adapter for PeopleSoft Establishment License & SW Maintenance 12 Months	D555VLL
Adapter for PeopleSoft Establishment SW Maintenance Annual Renewal	E01TXLL
Adapter for PeopleSoft Establishment SW Maintenance Reinstatement 12 Months	D555WLL

IBM WebSphere Adapter for SAP Software

Part description	Part number
IBM WebSphere Adapter for SAP Software	
WebSphere Adapter for SAP Application Instance(s) License & SW Maintenance	D555XLL
WebSphere Adapter for SAP Application Instance(s) SW Maintenance Annual Re	E01TYLL
WebSphere Adapter for SAP Application Instance(s) SW Maintenance Reinstat	D555YLL
WebSphere Adapter for SAP	D5561LL

Establishment License & SW Maintenance 12 Months	
WebSphere Adapter for SAP Establishment SW Maintenance Annual Renewal	E01U0LL
WebSphere Adapter for SAP Establishment SW Maintenance Reinstatement 12 Mo	D5562LL
WebSphere Adapter for SAP Establishment System z Li & SW Maint 12 Months	D5832LL
WebSphere Adapter for SAP Establishment System z SW Maint Annual Renewal	E02HSLL
WebSphere Adapter for SAP Establishment System z SW Maint Reinstate 12 Mo	D5834LL

IBM WebSphere Adapter for Siebel Business Applications

Part description	Part number
IBM WebSphere Adapter for Siebel Business Applications	
WebSphere Adapter for Siebel Application Instance(s) License & SW Maintenance	D5566LL
WebSphere Adapter for Siebel Application Instance(s) SW Maintenance Annual	E01U2LL
WebSphere Adapter for Siebel Application Instance(s) SW Maintenance Reinstatement	D5567LL
WebSphere Adapter for Siebel Establishment License & SW Maintenance 12 Mon	D5564LL
WebSphere Adapter for Siebel Establishment SW Maintenance Annual Renewal	E01U1LL
WebSphere Adapter for Siebel Establishment SW Maintenance Reinstatement 12	D5565LL

Passport Advantage supply

Program name/description	Part number
WebSphere Message Broker R&F V6.1.0 Message Broker with Rules & Formatter V6.1 Multiplatform Multilingual	BAOFGML
WebSphere Message Broker V6.1.0 WebSphere Message Broker V6.1 Multiplatform Media Pack Multilingual	BAOFFML

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.

WebSphere Message Broker V6.1.0

Entitled maintenance offerings description	Media packs description	Part number
WS Msg Brkr Linux zSeries(R) Per SubCapacity Value Unit	WebSphere Message Broker V6.1 Multiplatform Media Pack Multilingual	BAOFFML
WebSphere Message Broker Linux zSeries Value Unit	WebSphere Message Broker V6.1 Multiplatform Media Pack Multilingual	BAOFFML
WebSphere Message Broker Per SubCapacity Value Unit	WebSphere Message Broker V6.1 Multiplatform Media Pack Multilingual	BAOFFML

WebSphere Message Broker Value Unit	WebSphere Message Broker V6.1 Multiplatform Media Pack Multilingual	BAOFFML
IBM WebSphere Adapter PeopleSoft Enterprise App Instance	WebSphere Message Broker V6.1 Multiplatform Media Pack Multilingual	BAOFFML
IBM WebSphere Adapter PeopleSoft Enterprise Establishment	WebSphere Message Broker V6.1 Multiplatform Media Pack Multilingual	BAOFFML
IBM WebSphere Adapter Siebel Busn Apps Application Instance	WebSphere Message Broker V6.1 Multiplatform Media Pack Multilingual	BAOFFML
IBM WebSphere Adapter Siebel Busn Apps Establishment	WebSphere Message Broker V6.1 Multiplatform Media Pack Multilingual	BAOFFML
IBM WebSphere Adapter for SAP Application Instance	WebSphere Message Broker V6.1 Multiplatform Media Pack Multilingual	BAOFFML
IBM WebSphere Adapter for SAP Establishment	WebSphere Message Broker V6.1 Multiplatform Media Pack Multilingual	BAOFFML
IBM WebSphere Adapter for SAP Estab zSeries	WebSphere Message Broker V6.1 Multiplatform Media Pack Multilingual	BAOFFML

WebSphere Message Broker R&F V6.1.0

Entitled maintenance offerings description	Media packs description	Part number
WS Msg Brkr w/ R & F Ext Linux zSeries SubCapacity Value Unit	Message Broker with Rules & Formatter V6.1 Multiplatform Multilingual	BAOFGML
WS Msg Brkr w/ R & F Ext Linux zSeries Value Unit	Message Broker with Rules & Formatter V6.1 Multiplatform Multilingual	BAOFGML
WS Msg Brkr w/ R & F Ext SubCapacity Value Unit	Message Broker with Rules & Formatter V6.1 Multiplatform Multilingual	BAOFGML
WebSphere Message Broker with R & F Extn Value Unit	Message Broker with Rules & Formatter V6.1 Multiplatform Multilingual	BAOFGML

Cross-Platform Product for Use on System z

Order the part numbers that follow when there is an intention to acquire this cross-platform product for deployment on the System z or S/390® platform. This set of part numbers provides the identical supply and authorization as the other set in this announcement. The distinction is to identify the planned deployment platform.

Program name/description	Part number
Message Broker Lin Sys z VU from Qualified Comp Tradeup Lic+SW Maint 12 Mo	D61T5LL
Message Broker Linux on System z VU SW Maintenance Reinstatement 12 Months	D56MXLL
Message Broker Linux on System z Value Unit Annual SW Maint Renewal	E02AGLL
Message Broker Linux on System z Value Unit License & SW Maintenance 12 Mo	D56MULL
Message Broker with Rules & Formatter Lin SysZ VU SW Maint Reinstatement 12 Mo	D55USLL
Message Broker with Rules & Formatter Linux SysZ VU Annual SW Maint Renewal	E0251LL
Message Broker with Rules & Formatter Linux System Z VU Lic+SW Maint 12 Mo	D55URLL

Sub capacity

IBM WebSphere Message Broker

Part number	Part description
D56NLLL	Message Broker Linux System z SubCapacity VU SW Maint Reinstatement 12 Mo
D56NKLL	Message Broker Linux on System z SubCapacity Value Unit Lic+SW Maint 12 Mo
E02AQLL	Message Broker Linux on System z SubCapacity Value Unit SW Maint Renewal
E02ARLL	Message Broker SubCapacity Value Unit Annual SW Maintenance Renewal
D56NMLL	Message Broker SubCapacity Value Unit License & SW Maintenance 12 Months
D56NNLL	Message Broker SubCapacity Value Unit SW Maintenance Reinstatement 12 Mths

IBM WebSphere Message Broker with Rules and Formatter Extension

Part number	Part description
E02HNLL	Message Broker Rules & Formatter Linux SysZ SubCap VU Annual SW Maint Rnwl
D582NLL	Message Broker Rules & Formatter Linux SysZ SubCap VU SW MA Reinstat 12 Mo
D582MLL	Message Broker with Rules & Formatter Lin SysZ SubCap VU Lic+SW Maint 12 Mo
E0252LL	Message Broker with Rules & Formatter Subcap VU Annual SW Maint Renewal
D55UULL	Message Broker with Rules & Formatter Subcap VU SW Maint Reinstat 12 Mo
D55UTLL	Message Broker with Rules & Formatter Subcapacity VU Lic+SW Maint 12 Months

Sub-capacity for selected middleware products: Sub-capacity licensing on a per processor or per Value Unit basis is available for selected middleware products. To offer sub-capacity licensing, IBM software products implement IBM Tivoli® License Compliance Manager within their offerings so that you can monitor and report quarterly to IBM on the use of the programs on a continuous basis.

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Additionally, if this is the first product you have licensed under sub-capacity terms, you must agree to the terms of an attachment to your Passport Advantage or Passport Advantage Express

contract and submit a new Passport Advantage enrollment form. First-time sub capacity clients also have an opportunity to ensure a primary business contact is established for their contracts.

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IBM Tivoli License Manager for IBM Software is documented in the following customer publications, which are available from IBM Publications Center at

<http://www.elink.ibm.link.ibm.com/public/applications/publications/cgibin/pbi.cgi?>

Publication	Form
Planning, Installation, and Configuration	SC32-1431
Administration	SC32-1430
Problem Determination	SC32-9102
Data Dictionary	SC32-1432
Release Notes	SC32-1429

For IBM Tivoli License Manager configuration guidance and instructions for specific products (including this product) acquired with sub-capacity terms, refer to

<http://www.lotus.com/sub-capacity>

The Web site will give you information about how to set up the product for detection by IBM Tivoli License Manager, any required maintenance, and any required steps that are unique to this product.

On/Off Capacity on Demand (CoD)

IBM WebSphere Message Broker

Part description	Part number
Message Broker Processor Day On Off Capacity on demand Temporary Use Charge	ASQWILL

IBM WebSphere Message Broker with Rules and Formatter Extension

Part description	Part number
Message Broker with Rules & Formatter Processor Day 00CoD Temp Use Charge	ASQ27LL

Terms and conditions

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Part number products only, offered outside of Passport Advantage, where applicable, are license only and do not include Software Maintenance.

This software license includes Software Maintenance, previously referred to as Software Subscription and Technical Support.

License Information form numbers

Program name	Program number	Form number
WebSphere Message Broker	5724-J05	L- AFOS- 75NHYY
WebSphere Message Broker with Rules & Formatter	5724-J06	L- AFOS- 75NHYY

The program's License Information will be available for review on the IBM Software License Agreement Web site

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

Limited warranty applies: Yes

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. Consult the IBM Software Support Guide for further information at

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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 will be available for a minimum of three years from the general availability date, as long as your 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 Maintenance also provides you with access to updates, 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 programs acquired under the IBM International Passport Advantage Agreement, this term applies only to your first acquisition of the program.
- For programs acquired under any of IBM's On/Off CoD software offerings, this term does not apply since these offerings apply to programs already acquired and in use by you.

Authorization for use on home/portable computer: The program may be stored on the primary machine and another machine, provided that the program is not in active use on both machines at the same time. You may not copy and use this program on another computer without paying additional license fees.

Product name

WebSphere Message Broker	No
WebSphere Message Broker with Rules & Formatter	No

Usage restriction: Yes

Program-unique terms

1. Charging and license use management
2. DataDirect ODBC Driver Management components
3. DB2 Restricted Enterprise Edition
4. Derby SDK
5. Message Brokers Toolkit
6. Rules and Formatter
7. WebSphere Adapters
8. WebSphere MQ
9. WebSphere MQ Everyplace
- 10LPEX V3.2
- 11Microsoft™ code
- 12Unit testing
- 13Use of components on separate machines

The various program-unique terms set forth or referred to apply to the program and to its components as identified below, and are in addition to, and may modify, those of the IBM International Program License Agreement.

1. Charging and license use management

Charges for authorized use of the program are based on processor Value Units. The use of the program on any server machine requires 100 Value Units to be acquired (from IBM or an IBM Business Partner) for each processor or symmetric multiprocessor contained in the server machine on which any copy of the program is to run. Value Units are required for every server machine on which the Broker component of the program is installed. You are also required to obtain a corresponding number of additional Value Units if the program installation is moved to a server machine with a greater number of processors, or if any additional processors are added to the server machine on which the program is installed. Failure to comply with requirement for the appropriate number of Value Units will invalidate the terms of this license.

On distributed platforms, License Use Management software is used to monitor compliance. You should retain your original product and all Passport Advantage documents as PoE.

No separate server authorizations are required to license any other component part of the program.

Specific restrictions also apply to various components of the program, as described in the following.

2. DataDirect ODBC Driver Manager components

Portions of this program are copyrighted by DataDirect Technologies, 1991 — 2003.

3. DB2 Restricted Enterprise Edition

Limited use license DB2 Restricted Enterprise Edition: DB2 Restricted Enterprise Edition includes portions of DB2 Enterprise Server Edition V9.1. You are authorized to install and use one copy of this program only in association with your licensed use of WebSphere Message Broker for the storage and management of data used and generated by the other IBM program, and not for other data management purposes. DB2 Restricted Enterprise Edition is to be used only by the internal components of the program. For example, DB2 Restricted Enterprise Edition can be used as a repository for configuration information generated by WebSphere Message Broker and cannot be used to build or extend custom applications that store business data; this license does not permit inbound connections to the database from other applications for queries or report generation. You are not authorized to install any separately purchasable features that are available for DB2 unless You purchase a fully licensed version of DB2.

If you use the program with a separately licensed DB2 V9 data server, the license terms of that data server take precedence over these terms.

The supplied limited-use license of DB2 can be installed on a separate server from the Broker Runtime, subject to the processor Value Unit count of the server that runs the DB2 instance

being less than or equal to the processor Value Unit count of the purchased licenses of WebSphere Message Broker. The installation and use of this DB2 license must remain restricted to the information related to the deployed WebSphere Message Broker server runtimes.

You are allowed to deploy the supplied license of DB2 on a separate server from the Broker, to aid the centralized management of your deployment and to assist in your high availability configuration. Note, however, that DB2 must still be used only with data generated by, and used by, the Broker. DB2 must not be used with other user-generated data.

Your use of the DB2 and DB2 Run-time Client components is subject to the terms and conditions of the license agreement which accompany the components except as limited in this license. The DB2 components may not be used for any other purpose. Contact your DB2 reseller if your needs exceed this license agreement to obtain a full DB2 and DB2 Run-Time Client program.

4. Derby SDK

The program includes an embedded version of Derby SDK V10.2 (or components of Derby SDK V10.2). Your use of Derby SDK includes the right to copy, modify, prepare derivative works of, and embed Derby SDK into applications you develop, and to redistribute Derby SDK, as modified, as part of those applications, provided that you: (1) agree to defend, hold harmless and indemnify IBM from and against any and all claims, liabilities, damages, expenses and costs arising out of or in connection with your use or distribution of the program, modifications thereof, or your application program(s), and (2) distribute your applications under a license that states (i) that IBM (or any suppliers of code included in your application) assumes no responsibility and extend(s) no warranties covering its (their) code, (ii) disclaims implied warranties and any indemnities for the IBM (or any suppliers') code, and (iii) extends to IBM (or any suppliers of code included in your application) the same cumulative limits of liability protections that you provide for yourself in your license. Each copy or partial copy of Derby SDK, or any modifications thereof, must include a copyright notice as follows:

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5. Message Brokers Toolkit

The Message Brokers Toolkit included with the program includes a copy of IBM Rational® Application Developer (RAD) and WebSphere Eclipse Platform components. You are authorized to use Rational Application Developer and WebSphere Eclipse Platform components only with the Message Brokers Toolkit, and not for other purposes. (To use Rational Application Developer and WebSphere Eclipse Platform components for any other purpose, you must acquire a separate (unrestricted) PoE that authorizes such use of the Rational Application Developer and WebSphere Eclipse Platform software product.)

6. Rules and Formatter

The WebSphere Message Broker with Rules and Formatter Extension includes certain "Rules and Formatter" material supplied under license by Sybase Inc. ("R+F Code").

The following apply in respect of the R+F Code:

You may not assign or transfer the R+F Code to any other end user;

Sybase Inc. DISCLAIMS ALL WARRANTIES WITH RESPECT TO THE USE OF THE R+F CODE INCLUDED IN THE PROGRAM, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE; and

The aggregate liability of Sybase Inc to you for all claims relating to the R+F Code shall not exceed the amount paid by You for the Program.

7. WebSphere Adapters

The program contains the following WebSphere Adapters packaged as native message processing nodes:

- WebSphere Adapter for SAP Software V6.1
- WebSphere Adapter for Siebel Business Applications V6.1
- WebSphere Adapter for PeopleSoft Enterprise V6.1

You are authorized to use the Adapter nodes on the same machine as the program only in association with your licensed use of the program. You are authorized to use the Adapter nodes only for "unit testing" with a test run-time environment provided in the program. For the purpose of these program-unique terms, "unit testing" consists of testing message flows that use one or more Adapter nodes to connect to their related applications to confirm the message flows

function appropriately. Refer to the Unit testing section.

Any other use of the Adapter nodes with the program requires a separate authorization, acquired either on a per-application-instance or per-establishment basis.

With a "per-establishment" authorization for an WebSphere Adapter, you are permitted to deploy an unlimited number of copies of the licensed adapter components to multiple brokers owned or leased by you that are located at a single physical site, including the surrounding campus and satellite offices. With a per-application-instance authorization for an WebSphere Adapter, you are permitted to deploy an unlimited number of copies of the licensed adapter components to one broker.

8. WebSphere MQ

WebSphere MQ (distributed environments only): The program includes a limited-use license in respect of WebSphere MQ V6.0. For each Proof of Entitlement, you are authorized to install and use WebSphere MQ V6.0 in association with your use of the program components, as follows:

- For every deployment of the Broker Runtime component, you are authorized to install and use one license of WebSphere MQ V6.0 in accordance with the terms and conditions of that program.
- You are authorized to install and use one WebSphere MQ V6.0 license for each deployment of the Configuration Manager and User Name Server components. This license must be used only for messages generated by the components of the Program (the Configuration Manager and User Name Server), and not for any other purpose (to use WebSphere MQ V6.0 for any other purpose, you must acquire a separate (unrestricted) PoE that authorizes such use of a WebSphere MQ V6.0 software product).

9. WebSphere MQ Everyplace

The program includes a copy of WebSphere MQ Everyplace V2.0.2 (WebSphere MQ Everyplace). For each PoE, you are authorized to install and use WebSphere MQ Everyplace in association with your use of the program, as follows:

- You are authorized to install a maximum of one copy of WebSphere MQ Everyplace for use with the program.
- You are authorized to use WebSphere MQ Everyplace only with messages generated for the program, and not for other purposes. (To use WebSphere MQ Everyplace for any other purpose, you must acquire a separate (unrestricted) PoE that authorizes such use of a WebSphere MQ Everyplace software product.)

10. LPEX V3.2

IBM has made certain modifications to the Eclipse Code for the LPEX component, which modifications are referred to as the "Eclipse Platform Classes". The Eclipse Platform Classes were not contributed back to the Eclipse Foundation because they are unique to this Program and its LPEX component. The source code for the Eclipse Platform Classes can be obtained from IBM via an e-mail request to daniel@ca.ibm.com.

11. Microsoft code

The program contains some redistributable software from Microsoft Corporation. In addition to other terms and conditions stated in this License Agreement, you may not reverse engineer, decompile or disassemble such software, except and only to the extent that it is expressly permitted by applicable law notwithstanding this limitation.

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12. Unit testing

A. For distributed platforms

The program license authorizes multiple developers to install one copy of the Broker Runtime, the Toolkit, WebSphere MQ and DB2 on a single Microsoft Windows machine or a single Linux machine running on Intel® per developer, for purposes of "unit testing." "Unit testing" is limited to testing of configurations written or generated by such developer to confirm that such configuration functions as designed. Such authorized "unit testing" DOES NOT include any of the following:

1. Testing message flows on servers separate from the developer's machine. The developer may create local message flows that connect to remote servers hosting non-production applications and services in a unit-test environment.
2. Exchanging messages with any production application or system.
3. Simulating production workloads for the purpose of testing scalability of any code, application, or system in an integration test environment.

B. For the z/OS® platform

The program license authorizes multiple developers to install one copy of the Broker Runtime and the Toolkit on a single Microsoft Windows machine or a single Linux machine running on Intel per developer for purposes of "unit testing." "Unit testing" is limited to testing of configurations written or generated by such developer to confirm that such configuration functions as designed. Such authorized "unit testing" DOES NOT include any of the following:

1. Testing message flows on servers separate from the developer's machine. The developer may create local message flows that connect to remote servers hosting non-production applications and services in a unit-test environment.
2. Exchanging messages with any production application or system.
3. Simulating production workloads for the purpose of testing scalability of any code, application, or system in an integration test environment.

13. Use of components on separate machines

The program consists of several components:

- Broker Runtime
- Configuration Manager
- User Name Server
- Database Manager
- Message Broker Toolkit

Each such component may be installed on only a single machine, at any one time except for the Message Broker Toolkit, which may be installed on multiple machines provided that they are all used in conjunction with the same broker machine.

You may use the program's Configuration Manager on the same server machine as the Broker Runtime component, or on one Microsoft Windows or Linux x86 machine.

International Passport Agreement

Passport Advantage applies:

Yes, and through the Passport Advantage Web site at

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

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

Agreement for Acquisition of Software Maintenance: The IBM Agreement for Acquisition of Software Maintenance (Z125-6011) applies for maintenance and does not require customer signatures.

Software maintenance applies: Yes. Software Maintenance is included with licenses purchased through Passport Advantage and Passport Advantage Express. Product upgrades and technical support are provided by the Software Maintenance offering as described in the Agreements. Product upgrades provide the latest versions and releases to entitled software and Technical Support provides voice and electronic access to IBM support organizations, worldwide.

IBM includes one year of Software Maintenance with each program license acquired. The initial period of Software Maintenance can be extended by the purchase of a renewal option, if available.

While your Software Maintenance is in effect, IBM provides you assistance for your routine, short duration installation and usage (how-to) questions, and code-related questions. IBM provides assistance via telephone and, if available, electronic access, to your IS technical support personnel during the normal business hours (published prime shift hours) of your IBM support center. (This assistance is not available to your end users.) IBM provides Severity 1 assistance 24 hours a day, 7 days a week. For additional details, consult your IBM Software Support Guide at

<http://techsupport.services.ibm.com/guides/handbook.html>

Software Maintenance 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 Web site at

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

Volume orders (IVO): No

System i™ Software Maintenance applies: No

Educational allowance available: Not applicable.

On/Off CoD

To be eligible for On/Off CoD pricing, customers must be enabled for temporary capacity on the corresponding hardware, and the required contract — Z125-6907, Amendment for iSeries™ and pSeries® Temporary Capacity On Demand — Software — must be signed prior to use.

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higher system availability and performance. In addition, information collected through the Service Agent is made available to IBM service support representatives when they help answer your questions or diagnose problems. Installation and use of IBM Electronic Service Agent for problem reporting enables IBM to provide better support and service for your IBM server.

Prices

Passport Advantage

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