IBM WebSphere Process Server, WebSphere Integration Developer, and WebSphere Enterprise Service Bus V6.1.2 enhance value through business user empowerment

At a glance

WebSphere Process Server, WebSphere Integration Developer, and WebSphere Enterprise Service Bus deliver:

- An integrated SOA platform to orchestrate an organization's assets, enabling simple and flexible execution of standards-based business process solutions
- Comprehensive advanced human workflow capabilities for the business user with a new out-of-the-box, ready-to-run, Web 2.0 Business Process Management (BPM) client
- The flexibility to modify in-flight process instances and skip activities, to jump forward and backward between activities, and to modify data for a running process
- Enhanced life-cycle management of BPM projects by managing the reuse and traceability of process artifacts, simplified collaboration with WebSphere Business Modeler, and leveraging IBM Rational® Asset Manager
- Support for centrally hosting WebSphere Integration Developer within a Citrix Presentation Server, allowing access for remotely located developers
- Enhanced IBM Rational ClearCase® integration with support for ClearCase Remote Client
- Accelerated iterative development between business analysts and IT developers with enhanced integration to WebSphere Business Modeler
- Extended platform and infrastructure currency, including Microsoft® Windows® 2008 Server and IBM i5/OS™ V6R1

For ordering, contact:

Your IBM representative or the Americas Call Centers at 800-IBM-CALL Reference: YE001

Overview

WebSphere® Process Server is at the very heart of your business process management (BPM) solutions. It ensures that the processes you design in WebSphere Business Modeler or WebSphere Integration Developer are executed consistently, reliably, securely, and with transactional integrity. Built on open standards, it deploys and executes processes that orchestrate services (people, information, systems, and trading partners) within your service oriented architecture (SOA) or non-SOA infrastructure. When combined with the power of WebSphere Business Monitor, processes can be optimized to meet changing business requirements, giving the business a competitive advantage. WebSphere Process Server is built upon, and contains, WebSphere
ESB functionality. Refer to the Description section for new features.

WebSphere Integration Developer is the “one tool, one set of skills” solution for end-to-end integration in your SOA. It is the Eclipse-based tool for building SOA-based BPM and integration solutions across WebSphere Process Server, WebSphere ESB, and WebSphere Adapters. It simplifies integration with rich features that accelerate the adoption of SOA by rendering existing IT assets as service components, encouraging reuse and efficiency. WebSphere Integration Developer enables integration developers to assemble complex business solutions — whether processes, mediations, adapters, or code components — in a user-friendly authoring environment. You can construct process and integration solutions using drag-and-drop technology to define, in a visual way, the sequence and flow of business processes. The supplied visual editors minimize the need to write Java™ code. Refer to the Description section for new features.

WebSphere ESB is a flexible connectivity infrastructure for integrating applications and services, designed to enable the development of an SOA. Built on top of WebSphere Application Server for an integrated SOA platform, WebSphere ESB delivers a standards-based connectivity and integration solution that allows you to create and deploy interactions quickly and easily between applications and services, with a reduced number and complexity of interfaces. You can focus on your core business, rather than on your IT. Refer to the Description section for new features.

Key prerequisites

For details on hardware and software requirements for WebSphere ESB, WebSphere Process Server, and WebSphere Integration Developer, refer to the Description section.

Planned availability dates

- June 27, 2008 (electronic software delivery)
- July 18, 2008 (media and documentation)

Description

WebSphere Process Server delivers a unique integration framework that simplifies existing IT resources. Often, as IT assets grow to support business demand, so too does their complexity and manageability. WebSphere Process Server helps deliver an SOA infrastructure that delivers one common model to orchestrate, mediate, connect, map, and execute the underlying IT functions. With this, WebSphere Process Server simplifies integration of business processes by leveraging existing IT assets as reusable services, but without the complexities associated with traditional integration methodologies. Business flexibility is achieved through standardizing, automating, and integrating key business processes and managing the performance of these processes.

One of the biggest challenges for businesses is to have the agility to respond on demand to business processes. Unlike traditional integration methodologies, WebSphere Process Server allows you to respond dynamically to business demands and adapt to business conditions. This is accomplished with rich features like business rules, business state machines, and interface mapping. Its open standards-based services architecture allows clients to change underlying IT assets, with minimal impact on business processes. This orchestration of your business assets into highly optimized and effective processes will meet your business goals, whether you need to automate processes in the factory, process claims and financial payments, execute an efficient supply chain, or ensure compliance with the latest industry regulations.

WebSphere Process Server is part of an entire integration platform that reaches to the core of business applications such as SAP and Oracle by using predefined business and technology WebSphere Adapters.

WebSphere Process Server is built using a common platform and tools that inherit the capabilities of WebSphere ESB and WebSphere Application Server, which provide rich capability. It also exploits technology from other IBM brands such as DB2®, IBM Tivoli®, IBM Lotus®, and IBM Rational, as well as third-party platforms such as Microsoft.NET and Java.

For details on hardware and software requirements for WebSphere Process Server, visit

http://www.ibm.com/software/integration/wps/sysreqs
New features in WebSphere Process Server V6.1.2

• Empowers business users with the new Web 2.0 BPM client for business users for human workflow, providing fast time-to-value with key productivity capabilities:
  – New out-of-the-box, ready-to-run, Web 2.0 BPM client for business users with configurable work lists and detailed work item views, including support for collaboration using prebuilt human tasks
  – Graphical process view for business users for viewing tasks

• Delivers additional business process capabilities, enabling better business flexibility, including new and enhanced capabilities for interacting with in-flight business process instances to enable more flexibility in reacting to changing business conditions:
  – Enhanced flexibility for modifying the flow of in-flight process instances with the ability to skip activities, as well as to jump forward and backward between activities
  – Ability to incorporate process-relevant data changes in-flight
  – Generic REST-style interface for programmatic interaction with human tasks
  – Ability to leverage business calendars authored in WebSphere Business Modeler or WebSphere Integration Developer for defining specific time-based settings (for example, durations and timeouts) in business processes and human tasks

• Provides enhanced ease of use to enable faster and more effective development, testing, deployment, execution, and administration of business process solutions:
  – Delivers enhanced support for Web Services Description Language (WSDL) and XML Schema Definition (XSD), enabling the use of many industry-standard XML schemas
  – Improved application start and server restart times
  – Enhanced trace to capture what is flowing through the server at runtime for later display in the WebSphere Integration Developer Integrated Test Client with the full power of the test client for problem determination and analysis of application logic
  – Generates additional events and event information that can be leveraged by WebSphere Business Monitor to better track decision responses

• Enables easier installation and configuration of WebSphere Process Server, which is key to a successful deployment of your SOA infrastructure. New installation and configuration enhancements increase the usability of WebSphere Process Server:
  – Enhanced installer will now install WebSphere Process Server and WebSphere iFixes from a default or specified directory as part of the standard installation process
  – Simplified install process enabled by the availability of a complete install package at each fix pack level
  – Necessary database scripts for creating database instances on remote servers now available from the installation media directly, eliminating the need to install WebSphere Process Server to gain access to the scripts
  – Adds support for manipulating MQCIH message headers for WebSphere MQ, which are exploited by the CICS® bridge to enable interaction with CICS applications.
  – Adds new format support for the following additional message formats:
    – Delimited and full support for Comma Separated Values (CSV)
    – Fixed-width format
    – JavaScript Object Notation (JSON)

Platform alignment and currency

• Support for WebSphere Application Server V6.1.0.17, the latest release level of WebSphere Application Server
• Support for IBM i5/OS V6R1, enabling WebSphere Process Server to run on the latest release of i5/OS to leverage native i5/OS facilities
• Support for Windows Server 2008 as a runtime platform, enabling WebSphere Process Server to run on the latest version of Microsoft’s server operating system
• Support for Oracle 11g as the underlying database for all WebSphere Process Server components for leveraging the latest version of Oracle’s database management system

Common Criteria evaluation

WebSphere Process Server derives its security functionality from the WebSphere Application Server Network Deployment V6.1 runtime environment, and does not include additional security functionality. Therefore, a Common Criteria evaluation is not necessary because this product relies on the underlying runtime environment for security function and is neither Information Assurance (IA) nor IA-enabled.

FIPS 140-2

The cryptographic functionality of WebSphere Process Server is managed by the WebSphere Application Server Network Deployment V6.1 runtime environment.

WebSphere Integration Developer

WebSphere Integration Developer delivers a flexible user interface that allows a client to generate and customize user interfaces that can be used for human interactions within a business process. This comprehensive support includes wizards for generation JavaServer Faces (JSF) based, portlet-based, and forms-based user interfaces.

• Simplifies integration with rich features that accelerate the adoption of SOA by rendering existing IT assets as service components, encouraging reuse and efficiency. It enables rapid assembly of business solutions by wiring reusable service components that can be discovered from multiple locations such as WebSphere Service Registry and Repository. It also provides a component architecture that simplifies component interfaces and plug-and-play solutions.

• Enables integration developers to assemble complex business solutions — whether processes, mediations, adapters, or code components — in a user-friendly authoring environment. You can construct process and integration solutions using intuitive drag-and-drop technology to visually define the sequence and flow of business processes. The visual editors for Human Tasks, State Machines, Business Rules, Data Mapping, and others minimize the need to write Java code.

• Delivers a team-based development environment with an integrated testing environment that provides a visual debugger for all components and the ability to deploy solutions directly to WebSphere Process Server and WebSphere ESB. It includes refactoring support so that changes made in one place get reflected in other places that are dependent and reduces complexity to resolve errors and dependencies.

• Enables business-driven development, fully integrating with WebSphere Business Modeler to take a model of a business process and quickly and easily implement and deploy it. The tight integration between these tools provides the ability to make incremental changes in the business model and apply them without loss of implementation. The integration with WebSphere Business Monitor lets you create monitoring models that define events that can be monitored on a business dashboard.

• Provides comprehensive support for assembling composite applications based on standards.

• Allows you to develop executable processes based on WS-BPEL, including the IBM extensions.

• Provides full support for integrated fault and event handling.

• Includes compensation support that provides a logical “undo” capability.

• Leverages industry-standard interfaces and schemas represented in Web Services Description Language (WSDL) and XML Schema Definition (XSD).

• Includes a wide range of adapters for interactions with people, data, and systems including Email, Flat File, FTP, and Java Database Connectivity (JDBC) for development and production use. Bundles packaged application adapters (SAP, PeopleSoft, Oracle E-business, JD Edwards, and IBM WebSphere Adapter for Siebel Business Applications) for development use.

For details on hardware and software requirements for WebSphere Integration Developer, visit

http://www.ibm.com/software/integration/wid/sysreqs

New features in WebSphere Integration Developer V6.1.2
• Includes enhanced life-cycle management of BPM projects through integration with IBM Rational Asset Manager V7.1:
  – Helps manage the reuse and traceability of models and other artifacts. It delivers a scalable solution for clients who need to manage large numbers of BPM artifacts and the relationships between them. The user can search for, and publish, artifacts from WebSphere Integration Developer. Attachments can be managed through the IBM Rational Asset Manager (RAM) web user interface. Links to data and batch upload of data are also supported by IBM Rational Asset Manager.
  – Helps simplify collaboration with WebSphere Business Modeler. The repository is a key component in providing simple sharing of BPM models and other artifacts between business and IT users, whether they are using WebSphere Business Modeler, WebSphere Integration Developer, or the Monitoring Model Editor in WebSphere Business Monitor. This helps eliminate explicit exporting and importing of artifacts when using multiple tools, which can simplify the user experience.

• Accelerates development time by using the enhanced integrated Test client and component test support, and delivers improved problem determination:
  – Enhances visual tracing by showing more fine-grained events and a visual execution path within the implementation when testing state machines, processes, and mediation flows.
  – Delivers a new capability for testing XML maps in isolation, using the local built-in XSLT engine for a rapid iterative development experience. Can also set breakpoints and debug XML maps locally using the Test client.
  – Enhanced human task testing and access to data such as SOAP messages and log records. The component test support now allows the developer to manipulate aspects of human tasks during testing. The developer can specify and examine SOAP messages as they enter and exit SCA modules.
  – Data values used in testing may now be more easily shared across Test client sessions and test cases.
  – Delivers a new capability to restore the Unit Test Environment (UTE) to the original install state. This helps ensure that there is no variability in the testing environment between tests.
  – Delivers improved console messages and visualizes transaction quality of service support in the assembly editor. Provides a fix-up capability for more problems in the Problem view. This can help reduce problems currently only found at execution time.

• Delivers a flexible and more powerful development environment:
  – Can be used within a remotely hosted Citrix Presentation Server environment. IBM today provides the SOA Sandbox trial environment and it leverages a Citrix environment to provide architects and developers the ability to try our SOA software without the need for installation.
  – Delivers enhanced integration with IBM Rational ClearCase with support for the ClearCase Remote Client. This removes the requirement to install the IBM Rational ClearCase client on the machine running WebSphere Integration Developer, thereby helping to simplify the use of IBM Rational ClearCase as a way to manage the source files for WebSphere Integration Developer development projects.
  – Can import COBOL for WebSphere MQ, JMS, or FTP bindings without having to write code and can quickly set CICS header information on the MQ binding.
  – Improved support for XML Schema, including new support for substitution groups, and improved interoperability with Web Services hosted in Microsoft .NET and Apache Axis platforms.
  – Improved support for arrays in the XML map editor.
  – Shows which files are pending on a publish to a server operation.
  – Supports refactoring of interface parameter names.

• Accelerates iterative development between the business analyst and IT developers through integration with WebSphere Business Modeler:
  – Helps improve traceability of human tasks and business rules. Supports the ability to compare and merge human task and business rule changes in a business process imported from WebSphere Business Modeler. Provides support for business process annotations from WebSphere Business Modeler.
  – Allows the user to add visual notes and comments to tasks in the Business Process.
Execution Language (BPEL) editor, Mediation Flow editor, Business State Machine editor, and the SCA Assembly editor.

- Delivers support for business calendar. Provides the ability to handle Calendar information from WebSphere Business Modeler or created directly in WebSphere Integration Developer. The calendar information helps improve actions based on time by allowing calendar rules to be created and used, such as rules for dealing with weekends and holidays as non-business days.

**WebSphere ESB**

WebSphere ESB delivers a flexible connectivity infrastructure for integrating applications and services, designed to enable the development of an SOA. WebSphere ESB powers SOA solutions by reducing the complexity of integrating the applications and services.

WebSphere ESB is the ideal choice for your ESB infrastructure if you have other solutions on WebSphere Application Server, WebSphere Portal, or the BPM platform. You may achieve efficiencies in skills, cost, and time-to-value across middleware products by adding WebSphere ESB to your standards-based IT environment.

WebSphere ESB is built as a service bus based on the messaging backbone of the WebSphere platform. It is packaged both as part of WebSphere Process Server and as a stand-alone product. It:

- Provides Web services connectivity, MQ and MQ/JMS messaging, and service-oriented integration using WebSphere Adapters.
- Integrates seamlessly with the industry-leading WebSphere platform for streamlined IT operations
- Delivers business-critical, quality-of-service features from WebSphere Application Server Network Deployment
- Extends easily to WebSphere Process Server for service orchestration and BPM
- Provides an integrated solution for both service mediation and service hosting

WebSphere ESB is easy to use from both a tools and a run-time perspective. WebSphere Integration Developer, the development tool of choice for WebSphere ESB, delivers an integrated, interactive, and visual development experience that requires minimal programming skills. You can get started quickly with a compelling out-of-the-box experience that is supported by easy-to-understand samples and comprehensive documentation. The ability to simplify the task of declaring services and defining interconnections and visually compose mediation functions with first-class tool support for intelligent message routing, enrichment, and transformation makes development easier.

You can also reduce the time required to see a return on your investment. WebSphere ESB facilitates the dynamic reconfiguration of service interactions to meet changing business needs. Extensive WebSphere Adapter support provides connection to hundreds of ISV solutions. Prebuilt mediation function saves time and development costs.

For details on hardware and software requirements for WebSphere ESB, visit

http://www.ibm.com/software/integration/wsesb/sysreqs

**New features in WebSphere ESB V6.1.2**

- Enhanced support for Web Services Description Language (WSDL) and XML Schema Definition (XSD), enabling the use of many industry-standard XML schemas.
- Improved error messages, logging, and First Failure Data Capture (FFDC) usage. FFDC can reduce defect resolution times and the number of times IBM Support asks a client to recreate a problem with different trace settings turned on.
- Adds support for manipulating MQCIH message headers for WebSphere MQ, which are exploited by the CICS bridge to enable interaction with CICS applications.
- Adds new format support for the following additional message formats:
  - Delimited and full support for Comma Separated Values (CSV)
  - Fixed-width format
– JavaScript Object Notation (JSON)

• Enhances support for COBOL Copybook, C Struct, and PLI

Consulting and services

IBM Services has the breadth, depth, and reach to manage your services needs. You can leverage the deep technical skills of our WebSphere lab-based services and the business consulting, project management, and infrastructure expertise of our IBM Global Services team. Also, IBM Services extends our reach through IBM Business Partners to provide an unmatched portfolio of capabilities. Together, we 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

Section 508 of the U.S. Rehabilitation Act

IBM makes no representation about the Section 508 status of the third party electronic and information technology product in this offering. Contact the vendor for specific, current information on the Section 508 status of this product.

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 portfolio delivers several software products to meet your diverse integration needs as they span varying programming models, qualities of service, and multiple data types. Whether you are looking to create a single application or implement an enterprise-wide SOA, IBM designs WebSphere software to meet your evolving needs.

• WebSphere Application Server is the leading J2EE application server and development environment, and includes a built-in JMS engine, for messaging between J2EE applications.

• WebSphere MQ, available on more than 80 platform configurations, offers 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 makes full use of the transport and connectivity options provided by WebSphere MQ and WebSphere Application Server, and allows additional routing and transformation capabilities to implement an integration-based ESB.

• WebSphere Process Server, which is built using WebSphere ESB, offers a rich and comprehensive SOA-based process integration solution, built on top of the industry’s leading J2EE runtime, delivering process design and deployment as well as management capabilities to extend any choice of application infrastructure and application integration, but ideal for extending the service-oriented integration provided by WebSphere ESB to solve higher-level business problems.

• WebSphere Integration Developer, the development tool of choice for WebSphere ESB and
WebSphere Process Server, delivers a visual development environment for modeling, testing, configuring, and deploying process ESB and process integration solutions. WebSphere Integration Developer simplifies process integration with rich features that accelerate the adoption of SOA by rendering existing IT assets as service components, thus encouraging reuse and efficiency. It enables integration developers to assemble complex business solutions (processes, mediations, adapters, or code components) in a user-friendly authoring environment. You can construct process and integration solutions using drag-and-drop technology without having a working knowledge of Java.

- WebSphere ESB delivers Web services connectivity, JMS messaging, and service-oriented integration for fast implementation and deployment of an ESB without the need for programming.
- WebSphere DataPower SOA Appliances are purpose-built, easy-to-deploy network devices that simplify, help secure, and accelerate XML and Web services deployments and extend core SOA infrastructure components like WebSphere ESB, WebSphere MQ, WebSphere Message Broker, and WebSphere Process Server.
- WebSphere Partner Gateway provides an environment for creating and managing supply chain partners that are being integrated to the business, as well as providing the support to send and receive multiple data types over multiple choices of protocol and transport layers. Whether you need to connect to just one or two key supply chain partners or whether you need to define a network of potentially thousands of partners, there are editions of this offering to meet your needs.
- WebSphere Portal delivers a single point of personalized interaction with applications, content, processes and people, integrating business processes and portal users via orchestrated workflow, and therefore helping to build scalable and reliable portals that improve employee productivity and increase client loyalty.

The market-leading IBM application integration software including WebSphere MQ, WebSphere ESB, WebSphere Message Broker, and WebSphere DataPower SOA Appliances helps organizations:

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

WebSphere Process Server is a single, integrated platform with the combined benefits of the industry's top application server and integration capabilities. It provides business flexibility on a highly scalable, reliable platform. WebSphere Process Server is the first to offer robust process automation, advanced human workflow, business rules with rich application-to-application and business-to-business capabilities all on a common, native SOA platform with full ESB connectivity.

WebSphere Integration Developer is the first to offer a role-based development experience that targets specifically the integration developer role on a single and integrated Eclipse platform. It can be expanded to other roles like business analyst or J2EE developer by adding other products from the IBM family of development tools.

WebSphere ESB allows organizations to maximize flexibility as an integrated, On Demand Business by:

- Routing messages between services
- Converting transport protocols between requester and service
- Transforming message formats between requester and service
- Handling business events from disparate sources
- Improving time to value with an integrated, interactive, and visual development environment that reduces the need for programming skills

**SOA, ESB, and BPM**

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.

Some users may find that simple messaging-based connectivity between well-matched applications delivers the aspects of integration that they require to implement an effective ESB. Other users may find that to extend these capabilities out into their wider deployed infrastructure, they realize value of other parts of the WebSphere software portfolio.

As key members of the WebSphere software portfolio, WebSphere ESB, WebSphere Message Broker, and WebSphere DataPower SOA Appliances enable your users to begin deploying 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 beyond more standardized programming models such as J2EE and .NET.

The proven delivery mechanisms of WebSphere MQ and the JMS messaging resources delivered by WebSphere Application Server, and available in WebSphere ESB, extend the reach of the ESB with reliable connectivity throughout the enterprise for connecting and integrating virtually any type of application or system. WebSphere Application Server messaging resources provide a best-of-breed JMS implementation for use with connecting to J2EE-hosted applications.

WebSphere MQ seamlessly extends those messaging resources to non-J2EE environments to integrate virtually anything, across more than 80 platform configurations. WebSphere ESB can make use of both types of messaging environment as required.

WebSphere ESB delivers an ESB that will connect applications that have standards-based interfaces in order to power your SOA. WebSphere ESB is used in conjunction with WebSphere Integration Developer, which is designed with ease of use in mind and, based around an interactive visual environment. To create a true ESB, WebSphere ESB also supports seamless integration with the WebSphere software stack, enabling you to move up the stack to solve more complex business problems, as well as the Web services-based integration provided by WebSphere ESB.

BPM with SOA allows you to separate 'what you do' from 'how you do it.' Abstracting the definition of the business processes from how those processes are executed gives businesses greater responsiveness and flexibility. This separation allows for changes to the business process without significant reengineering of the underlying technology and, conversely, allows for changes to the technology infrastructure without impacting the business process.

WebSphere Message Broker adds services such as content-based message routing and transformation, as well as support for a range of message distribution options and protocols to improve their flexibility and performance. These features allow WebSphere Message Broker to extend the standardized integration features of an ESB out to encompass all business systems and applications, making full use of the IT assets of the business, and even allowing better integration with the applications and business processes of business partners.

WebSphere software adds integration capabilities that enable you to begin reaping the benefits of SOAs and begin deploying end-to-end environments that provide the benefits of an ESB across all of a business infrastructure today.

IBM can help you to grow project-by-project toward an On Demand Business. WebSphere MQ, WebSphere Application Server, WebSphere ESB, 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 ESBs that span the entire IT ecosystem.

WebSphere Process Server is the flagship WebSphere process integration offering for SOA. It is the single process integration server to support all styles of integration based on SOA. WebSphere Process Server allows developers to create composite applications in an SOA environment. It is the single process server for all your process choreography needs.

WebSphere Process Server is the run-time engine for BPM portfolio. BPM suite enables you to model, assemble, deploy, and monitor end-to-end business workflows. WebSphere Process Server enables the life cycle of a business process with integration with WebSphere Business Modeler and WebSphere Business Monitor.

You can import, design, and analyze business processes using WebSphere Business Modeler. With WebSphere Process Server, you can then execute business processes in an SOA environment. Through WebSphere Business Monitor, you can get real-time visibility into business process performance.

WebSphere Process Server also enables:

- Interoperability with the WebSphere portfolio: WebSphere software offers a compelling set of capabilities for people, information, and application integration. WebSphere Process Server
seamlessly integrates with these capabilities.

- Interoperability with non-IBM products: WebSphere Process Server allows you to interoperate with non-WebSphere applications using open-standards and a rich set of adapters.
- Integrating your Business Partner community using industry protocols: WebSphere Partner Gateway, with its rich set of industry-specific services, is packaged with WebSphere Process Server.

Web Services and SOA for i5/OS (5722-SS1 Option 3)

The i5/OS operating system integrates a Web services server for Integrated Language Environment® (ILE) and enables the latest SOA technologies on i5/OS. i5/OS is an SOA-ready system that embeds a Web services server directly into i5/OS and enables the i5/OS programming model to leverage the latest advancements for SOA.

The integrated Web services server is an ILE starting step for Web Services and SOA on the IBM System i™ platform. This server is an i5/OS functional enhancement making Web Services and SOA interoperability easier. The Web services server supports the consumption and externalization of services within the ILE programming environment. The Web Services server embeds a Web service engine and run-time integrated within the IBM System i architecture.

The integrated Web application server integrates an Open System Gateway Initiative (OSGi)-based Web servlet container with the i5/OS operating system. This Web container provides the basics for applications to be up and running quickly and effectively on the Web. The integrated Web application server is a good place to prototype new applications or run existing small footprint or low-use applications. For applications that require a high degree of scalability, WebSphere Application Server Express is recommended. The integrated Web application server can be considered as an entry to the more scalable solution.

### Availability of national languages

<table>
<thead>
<tr>
<th>Product description</th>
<th>Language</th>
<th>GA date</th>
</tr>
</thead>
</table>
Trademarks

i5/OS and System i are trademarks of International Business Machines Corporation in the United States or other countries or both.

WebSphere, Rational, ClearCase, Tivoli, Lotus, DB2, CICS, and Integrated Language Environment are registered trademarks of International Business Machines Corporation in the United States or other countries or both.

Microsoft and Windows are registered trademarks of Microsoft Corporation.

Java is a trademark of Sun Microsystems, Inc.

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

Education support

The following educational offerings are available as listed below:

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


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

IBM delivers a comprehensive portfolio of education services to help you successfully deploy and integrate WebSphere® Application and Integration middleware products to their maximum potential.

Education is a key component to ensuring software success. The IBM education team is committed to providing the highest quality education available to help your company prosper in today’s competitive marketplace. We take pride in our ability to deliver successful education programs that provide your people with the skills necessary to make your business profitable using IBM software.

The IBM education team works closely with IBM product developers and IBM services organizations to ensure that the courses we offer provide the most up-to-the-minute technical and product information. Our courses place an emphasis on the advanced knowledge and insight that only these sources can provide. We draw from a deep pool of IBM technical experience in the development of our courses, and pass that knowledge on to our students.

For more information about available education offerings, refer to the Web site

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

Role-based skills roadmaps can be found on this page
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

No publications are shipped with these products.

Each product includes a Quick Start Guide.

For WebSphere ESB documentation, go to


For WebSphere Process Server documentation, go to


Portions of the documentation for WebSphere ESB and WebSphere Process Server are translated into the following national languages: Brazilian Portuguese, Czech, French, German, Hungarian, Italian, Japanese, Korean, Polish, Russian, Simplified Chinese, Spanish, and Traditional Chinese. Some translated documentation (for example, online help) is included with the products. Information Center translations will be made available no later than 90 days after electronic GA.

WebSphere Integration Developer user documentation is installed with the product and viewed using the online Information Center. Portions of WebSphere Integration Developer documentation are translated into the following national languages: Brazilian Portuguese, Czech, French, German, Hungarian, Italian, Japanese, Korean, Polish, Russian, Simplified Chinese, Spanish, and Traditional Chinese. Information Center translations will be made available no later than 30 days after electronic GA.

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 free of charge.

Technical information

Hardware requirements: For details on hardware requirements for WebSphere ESB, visit

http://www.ibm.com/software/integration/wsesb/sysreqs

For details on hardware requirements for WebSphere Process Server, visit

http://www.ibm.com/software/integration/wps/sysreqs
For details on hardware requirements for WebSphere Integration Developer, visit
http://www.ibm.com/software/integration/wid/sysreqs

**Software requirements:** For details on software requirements for WebSphere ESB, visit
http://www.ibm.com/software/integration/wsesb/sysreqs

For details on software requirements for WebSphere Process Server, visit
http://www.ibm.com/software/integration/wps/sysreqs

For details on software requirements for WebSphere Integration Developer, visit
http://www.ibm.com/software/integration/wid/sysreqs

The program's specifications and specified operating environment information may be found in
documentation accompanying the Program, if available, such as a read-me 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**
For planning information, refer to the installation documentation at
http://www.ibm.com/software/integration/wps/infocenter
http://www.ibm.com/software/integration/wsesb/infocenter

WebSphere ESB, WebSphere Process Server, and WebSphere Integration Developer provide
enablement for use with IBM Tivoli® License Manager. WebSphere ESB and WebSphere
Process Server provide support for usage monitoring and inventory functions. WebSphere
Integration Developer provides support only for inventory functions.

**Extended entitlement**
IBM software helps to protect client investment and does not expect current clients to migrate
immediately from currently entitled products to WebSphere Process Server and WebSphere
Integration Developer. In order to facilitate the extended migration periods that some clients may
require, IBM is offering extended entitlement to clients.

Effective upon the date of electronic software delivery, clients with active subscription to eligible
products can activate extended entitlement to WebSphere Process Server and WebSphere
Integration Developer. For information on extended entitlement activation, eligible products and
their equivalent extended entitlement products, and general information about extended
entitlement, visit the Entitlement section at

Clients should contact their IBM sales representatives for questions and additional assistance.

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 ESB V6.1.2, WebSphere Process Server V6.1.2, and WebSphere
Integration Developer V6.1.2 are Passport Advantage offerings. The offerings are distributed via
electronic download. WebSphere ESB and WebSphere Process Server have media packs for
each supported operating system. The offerings include support for all specified operating
systems and languages.

The WebSphere ESB V6.1.2 media packs contain the following items:
License Information booklet
Hardcopy Quick Start Guide
Quick Start CD-ROM
WebSphere ESB V6.1.2 DVDs
WebSphere Application Server Network Deployment V6.1 CD-ROMs
Edge Components V6.1 CD-ROMs
DB2® Restricted Enterprise Server Edition V9.5 DVDs
IBM Rational® Agent Controller V6.1.5 CD-ROM
IBM Tivoli Directory Server V6.0 CD-ROMs
IBM Tivoli Access Manager V6.0 CD-ROMs

The WebSphere Process Server V6.1.2 media packs contain the following items:
License Information booklet
Hardcopy Quick Start Guide
Quick Start CD-ROM
WebSphere Process Server V6.1.2 DVDs
WebSphere Application Server Network Deployment V6.1 CD-ROMs
Edge Components V6.1 CD-ROMs
DB2 Restricted Enterprise Server Edition V9.5 DVDs
WebSphere Partner Gateway Advanced Edition V6.1.1 CD-ROM
WebSphere Data Interchange Services V6.0 CD-ROM
IBM Rational Agent Controller V6.1.5 CD-ROM
IBM Tivoli Directory Server V6.0 CD-ROMs
IBM Tivoli Access Manager V6.0 CD-ROMs

The DVDs and CD-ROMs for WebSphere ESB and WebSphere Process Server are organized in groups based on supported operating system platforms. One group is provided for each supported operating system platform: Windows®, AIX®, Solaris, HP-UX, i5/OS™, Linux™, Linux on System i™ and System p™, and Linux on System z™. For download purposes, one electronic assembly is provided that maps to each of these groupings. Note that a single electronic assembly for the media pack is not provided.

The WebSphere Integration Developer V6.1.2 media pack contains the following items:
Hardcopy Quick Start Guide
Quick Start CD-ROM
WebSphere Integration Developer, V6.1.2 Linux and Windows DVD
CICS® Transaction Gateway, V6.0 Linux and Windows CD-ROMs
IBM Lotus® Forms Designer V3 CD-ROMs
IBM Lotus Forms Server V3 CD-ROMs

WebSphere Integration Developer V6.1.2 also includes the following WebSphere Adapters:
WebSphere Adapter for JDBC V6.1
WebSphere Adapter for Flat Files V6.1
WebSphere Adapter for Email V6.1
WebSphere Adapter for FTP V6.1
WebSphere Adapter for SAP Software V6.1
• WebSphere Adapter for Siebel Business Applications V6.1
• WebSphere Adapter for PeopleSoft Enterprise V6.1
• WebSphere Adapter for Oracle E-Business Suite V6.1
• WebSphere Adapter for JD Edwards EnterpriseOne V6.1

When deploying WebSphere Adapter components for SAP, Siebel, PeopleSoft, JD Edwards, or Oracle to WebSphere Process Server or WebSphere ESB, you must purchase a separate license entitlement for the appropriate WebSphere Adapter for all usages except unit testing under WebSphere Integration Developer. Refer to the Ordering information section for the license part numbers.

Globalization considerations
WebSphere ESB, WebSphere Process Server, and WebSphere Integration Developer provide basic enablement support for all locales. All three products provide translations for the following national languages:

• Brazilian Portuguese
• Czech
• French
• German
• Hungarian
• Italian
• Japanese
• Korean
• Polish
• Russian
• Simplified Chinese (GB18030 compliant)
• Spanish
• Traditional Chinese

In addition, WebSphere Process Server provides partial translations for the following national languages:

• Arabic
• Hebrew

Note: WebSphere ESB and WebSphere Process Server include prerequisite and complementary products. For all availability dates specified in this announcement, the bundled prerequisite and complementary products will include translations for the following languages (if available): French, Italian, German, Spanish, Brazilian Portuguese, Japanese, Korean, Simplified Chinese, and Traditional Chinese.

Security, auditability, and control
WebSphere ESB, WebSphere Process Server, and WebSphere Integration Developer use the security and auditability features of the respective operating systems.

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

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

Product information
<table>
<thead>
<tr>
<th>Licensed function title</th>
<th>Product group</th>
<th>Product category</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM WebSphere Adapter for JD Edwards EnterpriseOne</td>
<td>WebSphere</td>
<td>Business</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for Oracle E-Business Suite</td>
<td>WebSphere</td>
<td>Business</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for PeopleSoft Enterprise</td>
<td>WebSphere</td>
<td>Business</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for SAP Software</td>
<td>WebSphere</td>
<td>Business</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for Service Bus</td>
<td>Process</td>
<td>IBM WebSphere Enterprise</td>
</tr>
<tr>
<td>IBM WebSphere Integration Developer</td>
<td>Process</td>
<td>Integration ToolS</td>
</tr>
<tr>
<td>IBM WebSphere Process Server</td>
<td>Process</td>
<td>Integration Servers</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Program name</th>
<th>Program name</th>
<th>Program name</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM WebSphere Adapter for JD Edwards EnterpriseOne</td>
<td>5724-I66</td>
<td>Application Instance</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for JD Edwards EnterpriseOne</td>
<td>5724-I66</td>
<td>Establishment</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for Oracle E-Business Suite</td>
<td>5724-I66</td>
<td>Establishment</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for Oracle E-Business Suite</td>
<td>5724-I66</td>
<td>Establishment</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for Oracle E-Business Suite</td>
<td>5724-I66</td>
<td>Establishment</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for PeopleSoft Enterprise</td>
<td>5724-I66</td>
<td>Establishment</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for PeopleSoft Enterprise</td>
<td>5724-I66</td>
<td>Establishment</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for SAP Software</td>
<td>5724-I66</td>
<td>Establishment</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for SAP Software</td>
<td>5724-I66</td>
<td>Establishment</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for SAP Software</td>
<td>5724-I66</td>
<td>Establishment</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for SAP Application Business Applications</td>
<td>5724-I66</td>
<td>Establishment</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for SAP Application Business Applications</td>
<td>5724-I66</td>
<td>Establishment</td>
</tr>
<tr>
<td>IBM WebSphere Enterprise Service Bus</td>
<td>5724-I82</td>
<td>Processor Value Unit (PVU)</td>
</tr>
<tr>
<td>IBM WebSphere Entry Service Bus</td>
<td>5724-I82</td>
<td>PVU</td>
</tr>
<tr>
<td>IBM WebSphere Entry Service Bus</td>
<td>5724-I82</td>
<td>SubCapacity PVU</td>
</tr>
<tr>
<td>IBM WebSphere Entry Service Bus</td>
<td>5724-I82</td>
<td>SubCapacity PVU</td>
</tr>
<tr>
<td>IBM WebSphere Integration Developer</td>
<td>5724-I82</td>
<td>Processor Day User</td>
</tr>
<tr>
<td>IBM WebSphere Integration Developer</td>
<td>5724-I66</td>
<td>Authorized User</td>
</tr>
<tr>
<td>IBM WebSphere Process Server</td>
<td>5724-L01</td>
<td>SubCapacity</td>
</tr>
</tbody>
</table>
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 or resources which may include servers, 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 PVU entitlements. To calculate the number of PVU entitlements required, refer to the PVU table on the following Web site:


With full capacity licensing, a PoE must be acquired for the appropriate number of PVUs 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 PVUs 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.

Authorized user

An authorized user is one and only one individual (named or unnamed) within or outside your enterprise. A PoE must be obtained for each individual user accessing the program in any manner. A program licensed under an authorized user PoE may be installed on a single computer or server, and accessed by multiple users, provided that a PoE has been obtained for each individual user accessing the program either directly or indirectly (via a multiplexing program, device, or application server) through any means on behalf of the user.

Charge metric name

Value Unit

Passport Advantage program licenses

WebSphere Enterprise Service Bus

<table>
<thead>
<tr>
<th>Part description</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM WebSphere Enterprise Service Bus</td>
<td>E02J3LL</td>
</tr>
<tr>
<td>WebSphere Ent Service Bus Value Unit Annual SW S&amp;G Rnwl</td>
<td>E02J3LL</td>
</tr>
<tr>
<td>WebSphere Ent Service Bus Value Unit Lic + SW S&amp;G 12 Mb</td>
<td>D58AEELL</td>
</tr>
<tr>
<td>WebSphere Ent Service Bus Value Unit SW S&amp;G Reinstate 12 Mb</td>
<td>D58AFFLL</td>
</tr>
</tbody>
</table>

WebSphere Integration Developer

<table>
<thead>
<tr>
<th>Part description</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM United States Announcement 208-139</td>
<td>IBM is a registered trademark of International Business Machines Corporation</td>
</tr>
<tr>
<td>Part description</td>
<td>Part number</td>
</tr>
<tr>
<td>------------------</td>
<td>-------------</td>
</tr>
<tr>
<td><strong>WebSphere Integration Developer</strong></td>
<td></td>
</tr>
<tr>
<td>IBM WebSphere Adapter for SAP Software per App Instance Annual SW S&amp;S Renewal</td>
<td>E01TYLL</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for SAP Software per App Instance License + SW S&amp;S 12 Mb</td>
<td>D555XLL</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for SAP Software per App Instance SW S&amp;S Reinstate 12 Mb</td>
<td>D555YLL</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for SAP Software per Est Annual SW S&amp;S Renewal</td>
<td>E01U0LL</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for SAP Software per Est License + SW S&amp;S 12 Mb</td>
<td>D5561LL</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for SAP Software per Est SW S&amp;S Reinstate 12 Mb</td>
<td>D5562LL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part description</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WebSphere Integration Developer</strong></td>
<td></td>
</tr>
<tr>
<td>IBM WebSphere Adapter for PeopleSoft Enterprise SW S&amp;S Renewal</td>
<td>E01TXLL</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for PeopleSoft Enterprise License + SW S&amp;S 12 Mb</td>
<td>D555VLL</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for PeopleSoft Enterprise SW S&amp;S Reinstate 12 Mb</td>
<td>D555WLL</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for PeopleSoft per App Instance Annual SW S&amp;S Renewal</td>
<td>E01TZLL</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for PeopleSoft per App Instance License + SW S&amp;S 12 Mb</td>
<td>D556ZLL</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for PeopleSoft per App Instance SW S&amp;S Reinstate 12 Mb</td>
<td>D5560LL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part description</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WebSphere Integration Developer</strong></td>
<td></td>
</tr>
<tr>
<td>IBM WebSphere Integration Developer Authorized User Annual SW S&amp;S Renewal</td>
<td>E01UDLL</td>
</tr>
<tr>
<td>IBM WebSphere Integration Developer Authorized User License + SW S&amp;S 12 Mb</td>
<td>D5571LL</td>
</tr>
<tr>
<td>IBM WebSphere Integration Developer Authorized User SW S&amp;S Reinstate 12 Mb</td>
<td>D5572LL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part description</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WebSphere Integration Developer</strong></td>
<td></td>
</tr>
<tr>
<td>IBM WebSphere Adapter for Siebel Business Applications SW S&amp;S Renewal</td>
<td>E01U1LL</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for Siebel Business Application License + SW S&amp;S 12 Mb</td>
<td>D5564LL</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for Siebel Business Application SW S&amp;S Reinstate 12 Mb</td>
<td>D5565LL</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for Siebel per App Instance Annual SW S&amp;S Renewal</td>
<td>E01U2LL</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for Siebel per App Instance License + SW S&amp;S 12 Mb</td>
<td>D5566LL</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for Siebel per App Instance SW S&amp;S Reinstate 12 Mb</td>
<td>D5567LL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part description</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WebSphere Integration Developer</strong></td>
<td></td>
</tr>
<tr>
<td>IBM WebSphere Adapter for JD Edwards EnterpriseOne SW S&amp;S Renewal</td>
<td>E031YLL</td>
</tr>
<tr>
<td>Part description</td>
<td>Part number</td>
</tr>
<tr>
<td>------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for JD Edwards Ent App Inst Lic + SW S&amp;S 12 Mb</td>
<td>D59LVLLL</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for JD Edwards Ent App Inst SW S&amp;S Reinstate 12 Mb</td>
<td>D59LWLL</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for JD Edwards Ent per Estab Annual SW S&amp;S Rnw</td>
<td>E031XLL</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for JD Edwards Ent per Estab Lic + SW S&amp;S 12 Mb</td>
<td>D59LTLL</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for JD Edwards Ent per Estab SW S&amp;S Reinstate 12 Mb</td>
<td>D59LUL</td>
</tr>
</tbody>
</table>

**WebSphere Integration Developer**

<table>
<thead>
<tr>
<th>Part description</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM WebSphere Adapter for Oracle E-Business Suite</td>
<td>E031SLLL</td>
</tr>
<tr>
<td>IBM WebSphere Adapter Oracle E-Business per App In Annual SW S&amp;S Rnw</td>
<td>D59LILL</td>
</tr>
<tr>
<td>IBM WebSphere Adapter Oracle E-Business per App In Lic + SW S&amp;S 12 Mb</td>
<td>D59LJLL</td>
</tr>
<tr>
<td>IBM WebSphere Adapter Oracle E-Business per Estab Annual SW S&amp;S Rnw</td>
<td>E031TLL</td>
</tr>
<tr>
<td>IBM WebSphere Adapter Oracle E-Business per Estab Lic + SW S&amp;S 12 Mb</td>
<td>D59LKLL</td>
</tr>
<tr>
<td>IBM WebSphere Adapter Oracle E-Business per Estab SW S&amp;S Reinstate 12 Mb</td>
<td>D59LLL</td>
</tr>
</tbody>
</table>

**WebSphere Process Server**

<table>
<thead>
<tr>
<th>Part description</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM WebSphere Process Server Multiplatform Value Unit</td>
<td>E02ECLLL</td>
</tr>
<tr>
<td>WebSphere Process Server Multiplatform Value Unit Lic + SW S&amp;S 12 Mb</td>
<td>D572ZLL</td>
</tr>
<tr>
<td>WebSphere Process Server Multiplatform Value Unit SW S&amp;S Reinstate 12 Mb</td>
<td>D5734LL</td>
</tr>
</tbody>
</table>

**Passport Advantage Trade-up licenses**

**WebSphere Enterprise Service Bus**

<table>
<thead>
<tr>
<th>Precursor product</th>
<th>Trade-up product</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM WebSphere Enterprise Service Bus Qualified Competitor</td>
<td>V6 Ent Svc Bus Value Unit fr Qualified Compet</td>
<td>D58AHLL</td>
</tr>
<tr>
<td>WebSphere Application Server Network Deployment Qualified Competitor Auth Usr</td>
<td>V6 Ent Svc Bus Value Unit fr WAS ND Value Unit Trdup Lic + SW S&amp;S 12 Mb</td>
<td>D58AGLL</td>
</tr>
</tbody>
</table>

**WebSphere Integration Developer**

<table>
<thead>
<tr>
<th>Precursor product</th>
<th>Trade-up product</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM WebSphere Integration Developer Rational Application Dev Auth Usr Qualified Competitor Auth Usr</td>
<td>WD Auth Usr fr Rational Application Dev Auth Usr Trdup Lic + SW S&amp;S 12 Mb</td>
<td>D5573LL</td>
</tr>
<tr>
<td>Qualified Competitor Auth Usr</td>
<td>WD Auth Usr from Qualified Competitor Auth Usr Trdup Lic + SW S&amp;S 12 Mb</td>
<td>D5574LL</td>
</tr>
<tr>
<td>Qualified Competitor Auth Usr</td>
<td>WD Auth Usr zSeries(R) fr Qualified Competitor Trdup</td>
<td>D56X9LL</td>
</tr>
</tbody>
</table>
WebSphere Process Server

<table>
<thead>
<tr>
<th>Precursor product</th>
<th>Trade-up product</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM WebSphere Process Server</td>
<td>VPS Value Unit fr</td>
<td>D5736LL</td>
</tr>
<tr>
<td>Qualified Competitor</td>
<td>Qualified Competitor Trdup Lic +</td>
<td></td>
</tr>
<tr>
<td>WAS ND per proc</td>
<td>VPS Value Unit fr WAS/ND Value</td>
<td>D5735LL</td>
</tr>
<tr>
<td>WebSphere Enterprise Service Bus</td>
<td>WebSphere ESB Trdup Lic + SW</td>
<td>D581ALL</td>
</tr>
<tr>
<td>per processor</td>
<td>S&amp;S 12 Mo</td>
<td></td>
</tr>
</tbody>
</table>

Passport Advantage supply

<table>
<thead>
<tr>
<th>Program name/description</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>WebSphere ESB V6.1.2</td>
<td>BA0SYML</td>
</tr>
<tr>
<td>WebSphere Enterprise Service Bus</td>
<td>BA0T0M</td>
</tr>
<tr>
<td>V6.1.2 AIX Media Pack Multilingual</td>
<td></td>
</tr>
<tr>
<td>WebSphere Enterprise Service Bus</td>
<td>BA0T1M</td>
</tr>
<tr>
<td>V6.1.2 HP-UX Media Pack Multilingual</td>
<td></td>
</tr>
<tr>
<td>WebSphere Enterprise Service Bus</td>
<td>BA0T2M</td>
</tr>
<tr>
<td>V6.1.2 i5/OS Media Pack Multilingual</td>
<td></td>
</tr>
<tr>
<td>WebSphere Enterprise Service Bus</td>
<td>BA0T3M</td>
</tr>
<tr>
<td>V6.1.2 Linux Sys z Media Pack</td>
<td></td>
</tr>
<tr>
<td>Multilingual</td>
<td></td>
</tr>
<tr>
<td>WebSphere Enterprise Service Bus</td>
<td>BA0T4M</td>
</tr>
<tr>
<td>V6.1.2 Solaris Media Pack</td>
<td></td>
</tr>
<tr>
<td>Multilingual</td>
<td></td>
</tr>
<tr>
<td>WebSphere Enterprise Service Bus</td>
<td>BA0T5M</td>
</tr>
<tr>
<td>V6.1.2 Windows Media Pack</td>
<td></td>
</tr>
<tr>
<td>Multilingual</td>
<td></td>
</tr>
<tr>
<td>WebSphere Integration Dev V6.1.2</td>
<td>BA0T7M</td>
</tr>
<tr>
<td>WebSphere Integration Developer</td>
<td></td>
</tr>
<tr>
<td>V6.1.2 Windows Linux Media Pack</td>
<td></td>
</tr>
<tr>
<td>Multilingual</td>
<td></td>
</tr>
<tr>
<td>WebSphere Process Server V6.1.2</td>
<td>BA0T8M</td>
</tr>
<tr>
<td>IBM WebSphere Process Server</td>
<td></td>
</tr>
<tr>
<td>V6.1.2 AIX Media Pack Multilingual</td>
<td></td>
</tr>
<tr>
<td>IBM WebSphere Process Server</td>
<td>BA0T9M</td>
</tr>
<tr>
<td>V6.1.2 Solaris Media Pack</td>
<td></td>
</tr>
<tr>
<td>Multilingual</td>
<td></td>
</tr>
<tr>
<td>IBM WebSphere Process Server</td>
<td>BA0TAM</td>
</tr>
<tr>
<td>V6.1.2 HP-UX Media Pack Multilingual</td>
<td></td>
</tr>
<tr>
<td>IBM WebSphere Process Server</td>
<td>BA0TBM</td>
</tr>
<tr>
<td>V6.1.2 Linux x86 Media Pack</td>
<td></td>
</tr>
<tr>
<td>Multilingual</td>
<td></td>
</tr>
<tr>
<td>IBM WebSphere Process Server</td>
<td>BA0TCM</td>
</tr>
<tr>
<td>V6.1.2 Linux POWER(TM) Media Pack</td>
<td></td>
</tr>
<tr>
<td>Multilingual</td>
<td></td>
</tr>
<tr>
<td>IBM WebSphere Process Server</td>
<td>BA0TDM</td>
</tr>
<tr>
<td>V6.1.2 Linux z Media Pack</td>
<td></td>
</tr>
<tr>
<td>Multilingual</td>
<td></td>
</tr>
<tr>
<td>IBM WebSphere Process Server</td>
<td>BA0TEM</td>
</tr>
<tr>
<td>V6.1.2 i5/OS Media Pack Multilingual</td>
<td></td>
</tr>
</tbody>
</table>

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 Process Server V6.1.2

<table>
<thead>
<tr>
<th>Entitled maintenance offerings description</th>
<th>Media packs description</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

IBM United States Announcement 208-139
WebSphere Process Server per Value Unit

WebSphere Process Server per Value Unit

WebSphere Process Server per Value Unit

WebSphere Process Server per Value Unit
WebSphere Process Server per Value Unit


WebSphere Process Server per Value Unit


WebSphere Process Server per Value Unit Linux on Z


WebSphere Process Server per Value Unit Linux on Z


WebSphere Process Server per Value Unit Linux on Z

WebSphere Process Server Multilingual (English International, French, Russian, Hebrew, Arabic, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish) i5

IBM United States Announcement 208-139

IBM is a registered trademark of International Business Machines Corporation
WebSphere Process Server per Value Unit Linux on Z

WebSphere Process Server per Value Unit Linux on Z

WebSphere Process Server per Value Unit Linux on Z

WebSphere Process Server per Value Unit Linux on Z

WebSphere Process Server per Value Unit Linux on Z

IBM United States Announcement 208-139
WebSphere Process Svr per SubCapacity Value Unit Linux on Z

WebSphere Process Server Multilingual (English International, French, Russian, Hebrew, Arabic, Korean, Chinese, Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese
— Traditional, Hungarian, Czech, Italian, Polish) Al X 5L, V5 CD ROM Digital Disk — ISO 9660 Standard V6.1.2

WebSphere Process Svr per SubCapacity Value Unit Linux on Z


WebSphere Process Svr per SubCapacity Value Unit Linux on Z


WebSphere Process Svr per SubCapacity Value Unit Linux on Z


IBM United States Announcement 208-139
Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish

WebSphere Process Svr per SubCapacity Value Unit Linux on Z

Multilingual (English International, French, Russian, Hebrew, Arabic, Korean, Chinese — Simplified, Spaniard, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish) Solaris (Sun), Solaris SPARC Platform Edition (Sun) CD ROM Digital Disk — ISO 9660 Standard V6.1.2

WebSphere Process Svr per SubCapacity Value Unit Linux on Z


WebSphere Process Svr per SubCapacity Value Unit Linux on Z

Multilingual (English International, French, Russian, Hebrew, Arabic, Korean, Chinese — Simplified, Spaniard, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish) i5 (formerly i5/OS V5) CD ROM Digital Disk — ISO 9660 Standard V6.1.2

WebSphere Integration Dev V6.1.2

Entitled maintenance offerings description Media packs description Part number
IBM WebSphere Adapter for JD WebSphere Integration Dev BA05XML
IBM WebSphere Adapter for WebSphere Integration Developer

Oracle E-Business Suite Multilingual (English International, French, Russian, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish)


IBM is a registered trademark of International Business Machines Corporation
Oracle E-Business Suite per Establishment for zSeries (S/390(R))


IBM WebSphere Adapter for PeopleSoft Enterprise per Application Instance

WebSphere Integration Dev BA0SXML

IBM WebSphere Adapter for PeopleSoft Enterprise per Establishment

IBM United States Announcement 208-139

IBM is a registered trademark of International Business Machines Corporation
IBM WebSphere Adapter for SAP per Application Instance

WebSphere Integration Developer BA0SXML
Multilingual (English International, French, Russian, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish)

IBM WebSphere Adapter for SAP per Establishment

WebSphere Integration Developer BA0SXML
Multilingual (English International, French, Russian, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish)

IBM WebSphere Adapter for Siebel Business Applications per Application Instance

WebSphere Integration Developer BA0SXML
Multilingual (English International, French, Russian, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish)

IBM WebSphere Adapter for Siebel Business

WebSphere Integration Developer BA0SXML
Multilingual (English
Applications per Establishment

- International, French, Russian, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish

WebSphere Integration Developer Authorized User Multilingual (English International, French, Russian, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish)

WebSphere Integration Developer Authorized User for zSeries Multilingual (English International, French, Russian, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish)

WebSphere ESB V6.1.2

- Entitled maintenance offerings description Media packs description Part number

IBM WebSphere Enterprise Service Bus Linux on z Subcapacity Value Unit WebSphere ESB Multilingual (English International, French, Russian, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese) BA0T4ML
IBM WebSphere Enterprise Service Bus Linux on z Subcapacity Value Unit

WebSphere ESB Multilingual BA0T1ML
(English International, French, Russian, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish)
Linux for System z Enterprise Servers (Mainframes) CD ROM Digital Disk — ISO 9660 Standard V6.1.2

IBM WebSphere Enterprise Service Bus Linux on z Subcapacity Value Unit

WebSphere ESB Multilingual BA0T0ML
(English International, French, Russian, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish)

IBM WebSphere Enterprise Service Bus Linux on z Subcapacity Value Unit

WebSphere ESB Multilingual BA0T5ML
(English International, French, Russian, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish)
IBM United States Announcement 208-139

IBM WebSphere Enterprise Service Bus Linux on z Subcapacity Value Unit

WebSphere ESB Multilingual BA0SZML
(English International, French, Russian, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish)
AIX 5L, V5 CD ROM Digital Disk — ISO 9660 Standard V6.1.2

IBM WebSphere Enterprise Service Bus Linux on z Subcapacity Value Unit

WebSphere ESB Multilingual BA0SYML
(English International, French, Russian, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish)
HP-UX 11.x CD ROM Digital Disk — ISO 9660 Standard V6.1.2

IBM WebSphere Enterprise Service Bus Linux on z Subcapacity Value Unit

WebSphere ESB Multilingual BA0T3ML
(English International, French, Russian, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish)

IBM is a registered trademark of International Business Machines Corporation
IBM WebSphere Enterprise
Service Bus Linux on z
Subcapacity Value Unit

WebSphere ESB Multilingual
(English International,
French, Russian, Korean,
Chinese — Simplified,
Spanish,
Portuguese-Brazilian,
German, Japanese, Chinese
— Traditional, Hungarian,
Czech, Italian, Polish)
Linux for System x
86Series Intel-based &
AMD-based servers CD ROM
Digital Disk — ISO 9660
Standard V6.1.2

BA0T2ML

IBM WebSphere Enterprise
Service Bus Linux on z
Value Unit

WebSphere ESB Multilingual
(English International,
French, Russian, Korean,
Chinese — Simplified,
Spanish,
Portuguese-Brazilian,
German, Japanese, Chinese
— Traditional, Hungarian,
Czech, Italian, Polish)
Linux for System i
Integrated Mid-Market
Business Servers, Linux for System p
UNIX Servers (incl Intellistation) CD
ROM Digital Disk — ISO 9660 Standard V6.1.2

BA0SYML

IBM WebSphere Enterprise
Service Bus Linux on z
Value Unit

WebSphere ESB Multilingual
(English International,
French, Russian, Korean,
Chinese — Simplified,
Spanish,
Portuguese-Brazilian,
German, Japanese, Chinese
— Traditional, Hungarian,
Czech, Italian, Polish)
AIX 5L, V5 CD ROM Digital
Disk — ISO 9660 Standard V6.1.2

BA0SZML

IBM WebSphere Enterprise
Service Bus Linux on z
Value Unit

WebSphere ESB Multilingual
(English International,
French, Russian, Korean,
Chinese — Simplified,
Spanish,
Portuguese-Brazilian,
German, Japanese, Chinese
— Traditional, Hungarian,
Czech, Italian, Polish)
Linux for System i
Integrated Mid-Market
Business Servers, Linux for System p
UNIX Servers (incl Intellistation) CD
ROM Digital Disk — ISO 9660 Standard V6.1.2

BA0T3ML

IBM WebSphere Enterprise
Service Bus Linux on z
Value Unit

WebSphere ESB Multilingual
(English International,
French, Russian, Korean,
Chinese — Simplified,
Spanish,
Portuguese-Brazilian,
German, Japanese, Chinese
— Traditional, Hungarian,
Czech, Italian, Polish)
Linux for System i
Integrated Mid-Market
Business Servers, Linux for System p
UNIX Servers (incl Intellistation) CD
ROM Digital Disk — ISO 9660 Standard V6.1.2

BA0T3ML
IBM WebSphere Enterprise Service Bus Linux on z Value Unit

WebSphere ESB Multilingual (English International, French, Russian, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish)

IBM WebSphere Enterprise Service Bus Linux on z Value Unit

WebSphere ESB Multilingual (English International, French, Russian, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish)

Solaris (Sun), Solaris SPARC Platform Edition (Sun) CD ROM Digital Disk — ISO 9660 Standard V6.1.2

IBM WebSphere Enterprise Service Bus Linux on z Value Unit

WebSphere ESB Multilingual (English International, French, Russian, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish)


IBM WebSphere Enterprise Service Bus Linux on z Value Unit

WebSphere ESB Multilingual (English International, French, Russian, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish) i5 (formerly i5/OS V5) CD ROM Digital Disk — ISO 9660 Standard V6.1.2

IBM WebSphere Enterprise Service Bus SubCapacity Value Unit

WebSphere ESB Multilingual (English International, French, Russian, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish)

Solaris (Sun), Solaris SPARC Platform Edition (Sun) CD ROM Digital Disk — ISO 9660 Standard V6.1.2

IBM WebSphere Enterprise Service Bus SubCapacity Value Unit

WebSphere ESB Multilingual (English International, French, Russian, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish)
IBM WebSphere Enterprise WebSphere ESB Multilingual SubCapacity Value Unit

- IBM WebSphere Enterprise WebSphere ESB Multilingual SubCapacity Value Unit
  - WebSphere ESB Multilingual (English International, French, Russian, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish) i5 (formerly i5/OS V5) CD ROM Digital Disk — ISO 9660 Standard V6.1.2
  - IBM WebSphere Enterprise WebSphere ESB Multilingual SubCapacity Value Unit
  - IBM WebSphere Enterprise WebSphere ESB Multilingual SubCapacity Value Unit
  - IBM WebSphere Enterprise WebSphere ESB Multilingual SubCapacity Value Unit

IBM WebSphere Enterprise WebSphere ESB Multilingual SubCapacity Value Unit

- IBM WebSphere Enterprise WebSphere ESB Multilingual SubCapacity Value Unit
  - WebSphere ESB Multilingual (English International, French, Russian, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish) Linux for System x 86Series Intel-based & AMD-based servers CD ROM

IBM United States Announcement 208-139

IBM is a registered trademark of International Business Machines Corporation
<table>
<thead>
<tr>
<th>Product Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM WebSphere Enterprise Service Bus SubCapacity Value Unit</td>
<td>BA0T2ML</td>
</tr>
<tr>
<td>WebSphere ESB Multilingual (English International, French, Russian, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish)</td>
<td></td>
</tr>
<tr>
<td>Linux for System i Integrated Mid-Market Business Servers, Linux for System p UNIX Servers (incl Intellistation) CD ROM Digital Disk — ISO 9660 Standard V6.1.2</td>
<td></td>
</tr>
<tr>
<td>IBM WebSphere Enterprise Service Bus Value Unit</td>
<td>BA0SYML</td>
</tr>
<tr>
<td>WebSphere ESB Multilingual (English International, French, Russian, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish)</td>
<td></td>
</tr>
<tr>
<td>AIX 5L, V5 CD ROM Digital Disk — ISO 9660 Standard V6.1.2</td>
<td></td>
</tr>
<tr>
<td>IBM WebSphere Enterprise Service Bus Value Unit</td>
<td>BA0SZML</td>
</tr>
<tr>
<td>WebSphere ESB Multilingual (English International, French, Russian, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish)</td>
<td></td>
</tr>
<tr>
<td>HP-UX 11.x CD ROM Digital Disk — ISO 9660 Standard V6.1.2</td>
<td></td>
</tr>
<tr>
<td>IBM WebSphere Enterprise Service Bus Value Unit</td>
<td>BA0T2ML</td>
</tr>
<tr>
<td>WebSphere ESB Multilingual (English International, French, Russian, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish)</td>
<td></td>
</tr>
<tr>
<td>Linux for System i Integrated Mid-Market Business Servers, Linux for System p UNIX Servers (incl Intellistation) CD ROM Digital Disk — ISO 9660 Standard V6.1.2</td>
<td></td>
</tr>
<tr>
<td>IBM WebSphere Enterprise Service Bus Value Unit</td>
<td>BA0T3ML</td>
</tr>
<tr>
<td>WebSphere ESB Multilingual (English International, French, Russian, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Hungarian, Czech, Italian, Polish)</td>
<td></td>
</tr>
<tr>
<td>Linux for System x 86Series Intel-based &amp; AMD-based servers CD ROM Digital Disk — ISO 9660 Standard V6.1.2</td>
<td></td>
</tr>
<tr>
<td>IBM WebSphere Enterprise Service Bus Value Unit</td>
<td>BA0T1ML</td>
</tr>
<tr>
<td>WebSphere ESB Multilingual (English International,</td>
<td></td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>Program name/description</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM WebSphere Adapter Oracle E-Bus per Estab for z Annual SW S&amp;S RnwL</td>
<td>E031RLL</td>
</tr>
<tr>
<td>IBM WebSphere Adapter Oracle E-Bus per Estab for z Lic + SW S&amp;S 12 Mo</td>
<td>D59LGLL</td>
</tr>
<tr>
<td>IBM WebSphere Adapter Oracle E-Bus per Estab for z SW S&amp;S Reinstate 12 Mo</td>
<td>D59LHLL</td>
</tr>
<tr>
<td>IBM WebSphere Adapter for SAP per Estab zSeries Annual SW S&amp;S RnwL</td>
<td>E02H5LL</td>
</tr>
</tbody>
</table>
IBM WebSphere Adapter for SAP per Estab zSeries Lic + SW S&S 12 Mo

IBM WebSphere Adapter for SAP per Estab zSeries SW S&S

Reinstate 12 Mo

WS Ent Svc Bus Linz Val Unit fr Qualified Comp Trdup Lic + SW S&S 12 Mo

WS Ent Svc Bus Linz Val Unit fr WAS ND Linz VU Trdup Lic + SW S&S 12 Mo

WS Pro Server MP VU Lnxx z fr Qualified Competitor Trdup Lic + SW S&S 12 Mo

WS Pro Svr MP VU Lnxx on z fr WAS ND VU Lnxx on z Trdup Lic + SW S&S 12 Mo

WS Pro Svr MP VU Lnxx on z from WESB VU Lnxx on z Trdup Lic + SW S&S 12 Mo

WebSphere Ent Svc Bus Linux on z Value Unit Annual SW S&S Rnw

WebSphere Ent Svc Bus Linux on z Value Unit Lic + SW S&S 12 Mo

WebSphere Ent Svc Bus Linux on z Value Unit SW S&S Reinstate 12 Mo

WebSphere Integration Dev Auth User for zSeries Annual SW S&S Rnw

WebSphere Integration Dev Auth User for zSeries Lic + SW S&S 12 Mo

WebSphere Integration Dev Auth User for zSeries SW S&S Reinstate 12 Mo

WebSphere Process Svr MP Value Unit Linux z Annual SW S&S Rnw

WebSphere Process Svr MP Value Unit Linux z Lic + SW S&S 12 Mo

WebSphere Process Svr MP Value Unit Linux z SW S&S Reinstate 12 Mo

Sub capacity

IBM WebSphere Enterprise Service Bus

<table>
<thead>
<tr>
<th>Part number</th>
<th>Part description</th>
</tr>
</thead>
<tbody>
<tr>
<td>D58AULL</td>
<td>WS Ent Svc Bus Linz SubCap VUfr WAS ND Linz SC Trdup Lic + SW S&amp;S 12 Mo</td>
</tr>
<tr>
<td>D58ARLL</td>
<td>WS Ent Svc Bus Sub Cap VUfr WAS ND SubCap Trdup Lic + SW S&amp;S 12 Mo</td>
</tr>
<tr>
<td>E02J 6LL</td>
<td>WS Enterprise Svc Bus SubCap Value Unit Annual SW S&amp;S Rnw</td>
</tr>
<tr>
<td>D58APLL</td>
<td>WS Enterprise Svc Bus SubCap Value Unit Lic + SW S&amp;S 12 Mo</td>
</tr>
<tr>
<td>D58AQLL</td>
<td>WS Enterprise Svc Bus SubCap Value Unit SW S&amp;S Reinstate 12 Mo</td>
</tr>
<tr>
<td>E02J 7LL</td>
<td>WebSphere Ent Svc Bus Linux SubCap Value Unit Annual SW S&amp;S Rnw</td>
</tr>
<tr>
<td>D58ASLL</td>
<td>WebSphere Ent Svc Bus Linux SubCap Value Unit Lic + SW S&amp;S 12 Mo</td>
</tr>
<tr>
<td>D58ATLL</td>
<td>WebSphere Ent Svc Bus Linux SubCap Value Unit SW S&amp;S Reinstate 12 Mo</td>
</tr>
</tbody>
</table>
IBM WebSphere Process Server

<table>
<thead>
<tr>
<th>Part number</th>
<th>Part description</th>
</tr>
</thead>
<tbody>
<tr>
<td>E02E4LL</td>
<td>WebSphere Prc Svr MP per SubCap Value Unit Linux z Annual SW S&amp;S Rnw</td>
</tr>
<tr>
<td>D5725LL</td>
<td>WebSphere Prc Svr MP per SubCap Value Unit Linux z Lic + SW S&amp;S 12 Mo</td>
</tr>
<tr>
<td>D5726LL</td>
<td>WebSphere Prc Svr MP per SubCap Value Unit Linux z SW S&amp;S Reinstate 12 Mo</td>
</tr>
<tr>
<td>E02EBLL</td>
<td>WebSphere Process Svr SubCapacity Value Unit Annual SW S&amp;S Rnw</td>
</tr>
<tr>
<td>D572TLL</td>
<td>WebSphere Process Svr SubCapacity Value Unit Lic + SW S&amp;S 12 Mo</td>
</tr>
<tr>
<td>D572VLL</td>
<td>WebSphere Process Svr SubCapacity Value Unit SW S&amp;S Reinstate 12 Mo</td>
</tr>
</tbody>
</table>

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.

More information can be found on the Passport Advantage Web site

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

Eligibility requirements for sub capacity licensing

To be eligible for sub capacity licensing terms on this product, you must agree to install and configure IBM Tivoli License Manager for IBM Software, in accordance with the IBM Tivoli License Manager publications, and to enable the collection of program use data on all eligible machines subject to sub capacity terms.

For those machines running programs with sub capacity licensing terms, you must use IBM Tivoli License Manager for IBM Software to monitor program use and submit to IBM an IBM Use Report each calendar quarter. Multiple copies of IBM Tivoli License Manager for IBM Software or IBM Tivoli License Manager are not required. You can use more copies if you need them to support your operational environment, but only one copy is required to monitor all your sub capacity licensed products.

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.

For more information on required and entitled license capacity, license requirements, and reporting, refer to Software Announcement 205-093, dated April 19, 2005.

If you order (this product) under sub capacity terms, IBM Tivoli License Manager for IBM Software will be made available to you if you do not already have one. You must install and configure this tool for your sub capacity products. Alternately, you can use Tivoli License Manager. Once the license manager software is installed, you will be required to register online (IBM may need to contact you in order to finalize the registration process.) You must monitor program use on a continuous basis with an IBM Tivoli License Manager for IBM Software and submit IBM Use Reports to IBM on a calendar quarterly basis.

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


Publication Form
Planning, Installation, and SC32-1431
IBM United States Announcement 208-139 IBM is a registered trademark of International Business Machines Corporation
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 CoD

IBM WebSphere Enterprise Service Bus

<table>
<thead>
<tr>
<th>Part description</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>WS Enterprise Service Bus Processor Day Per Use-DAY, On</td>
<td>D56UWLL</td>
</tr>
<tr>
<td>Off Capacity on de</td>
<td></td>
</tr>
</tbody>
</table>

IBM WebSphere Process Server

<table>
<thead>
<tr>
<th>Part description</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>WebSphere Proc Svr Multiplat Processor Day Per Use-DAY, On</td>
<td>D55F8LL</td>
</tr>
<tr>
<td>Off Capacity on</td>
<td></td>
</tr>
</tbody>
</table>

**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.

**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.

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

**License Information form number**

<table>
<thead>
<tr>
<th>Program name</th>
<th>Program number</th>
<th>Form number</th>
</tr>
</thead>
<tbody>
<tr>
<td>WebSphere Enterprise Service Bus</td>
<td>5724-182</td>
<td>L-YWAG 7C95KM</td>
</tr>
<tr>
<td>WebSphere Integration Developer</td>
<td>5724-166</td>
<td>L-TTSU 7E259K</td>
</tr>
<tr>
<td>WebSphere Process Server</td>
<td>5724-101</td>
<td>L-YWAG 7C95KM</td>
</tr>
</tbody>
</table>

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


**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
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 Handbook for further information at

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

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 five 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 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.

**Usage restriction:** Yes

The licenses for WebSphere Enterprise Service Bus, WebSphere Process Server, and WebSphere Integration Developer contain numerous usage restrictions. For complete information, refer to the appropriate License Information document that is available on the IBM Software License Agreement Web site


**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 information systems (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 Handbook 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

Other terms

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.

IBM Electronic Services

IBM has transformed its delivery of hardware and software support services to help you achieve higher system availability. Electronic Services is a Web-enabled solution that offers an exclusive, no-additional-charge enhancement to the service and support available for IBM servers. These services are designed to provide the opportunity for greater system availability with faster problem resolution and preemptive monitoring. Electronic Services comprises two separate, but complementary, elements: Electronic Services news page and Electronic Services Agent.

The Electronic Services news page is a single Internet entry point that replaces the multiple entry points traditionally used to access IBM Internet services and support. The news page enables you to gain easier access to IBM resources for assistance in resolving technical problems.

The Electronic Service Agent™ is no-additional-charge software that resides on your server. It monitors events and transmits system inventory information to IBM on a periodic, client-defined timetable. The Electronic Service Agent automatically reports hardware problems to IBM. Early knowledge about potential problems enables IBM to deliver proactive service that may result in 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

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

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

Business Partner information

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

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

Order now

To order, contact the Americas Call Centers or your local IBM representative.

To identify your local IBM representative, call 800-IBM-4YOU (426-4968).

Phone: 800-IBM-CALL (426-2255)
Fax: 800-2IBM-FAX (242-6329)
Internet: callserv@ca.ibm.com
Mail: IBM Teleweb Customer Support, ibm.com Sales Execution Center, Americas North
3500 Steelcase Ave. East, Tower 3/4
Markham, Ontario
Canada
L3R 2Z1

Reference: YE001

The Americas Call Centers, our national direct marketing organization, can add your name to the mailing list for catalogs of IBM products.

Note: Shipments will begin after the planned availability date.

Trademarks

devolverWorks, System i, i5/OS, System p, System z, POWER, System x, AIX 5L, IBMLink, iSeries, and Electronic Service Agent are trademarks of International Business Machines Corporation in the United States or other countries or both.

WebSphere, Passport Advantage, Tivoli, DB2, Rational, AIX, Lotus, CICS, zSeries, IntelliStation, S/390, Notes, pSeries, and PartnerWorld are registered trademarks of International Business Machines Corporation in the United States or other countries or both.

Intel is a registered trademark of Intel Corporation.

Windows and Windows Vista are registered trademarks of Microsoft Corporation.

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.

This announcement is provided for your information only. For additional information, contact your IBM representative, call 800-IBM-4YOU, or visit the IBM home page at: http://www.ibm.com