



IBM WebSphere Process Server, WebSphere Integration Developer, and WebSphere Enterprise Service Bus V6.2 enable dynamic processes and flexible connectivity for agile business solutions

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At a glance

WebSphere® Process Server, WebSphere Integration Developer, and WebSphere Enterprise Service Bus (ESB) V6.2 deliver:

- A compelling new Web 2.0 user interface for working with human tasks, business rules, and business calendars
- Enhanced flexibility and control over process instances for both business users and business process administrators
- A simplified process for application deployment and improved user productivity for ongoing application operation and administration
- A powerful and flexible development and runtime environment with support for the latest technologies and standards
- Support for the WebSphere Application Server Web Services Feature Pack and Soap 1.2
- Tooling based on Eclipse V3.4
- Accelerated iterative development between business analysts and IT developers
- A simplified authoring experience that accelerates solution development, including enhanced mediation tooling support
- New policy-driven ESB mediation, including integration with WebSphere Service Registry and Repository
- Extended platform and infrastructure currency, including IBM® z/OS® and z/OS.e V1.9
- WebSphere Adapters V6.2, to help with business integration by connecting to your application and information assets

To order, contact your IBM representative, an IBM Business Partner, or the Americas Call Centers at: 800-IBM-CALL Reference:

IBM Media Extender for WebSphere Enterprise Server	SE001
WebSphere Enterprise Service Bus	YE001
WebSphere Integration Developer	YE001
WebSphere Process Server	YE001

Overview

WebSphere Process Server is at the heart of your business process management (BPM) solutions. It is designed to ensure 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, WebSphere Process Server 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 user-friendly authoring environment 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 -- 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 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.

Media Extender for WebSphere ESB provides "media-aware" service mediation facilities that can be used as components of IBM's Media Hub Solution Framework. They form part of a solution to enable business transformation by linking business and content systems together for effective media management. It can radically simplify and optimize the construction of media-oriented integration projects and workflows. The three mediation primitives can be used to enable complex decision making based on media formats, service connectivity, and resource availability. The primitives are programmed using WebSphere Integration Developer, resulting in customized ESB mediations. When deployed into WebSphere ESB, these mediations dynamically resolve detailed media transformation and movement requirements. They can be used as simple services in business workflow models, hiding the complexity of media processing.

WebSphere Adapters help with business integration by connecting application and information assets to the ESB. They accelerate business integration projects with rapidly deployable, enterprise-ready connections based on best practices. The WebSphere Adapter portfolio provides a comprehensive set of capabilities to service-enable your assets, including packaged, custom, and legacy applications, technology protocols, and databases.

Key prerequisites

For details on hardware and software requirements, refer to the [Technical information](#) section.

Planned availability date

- December 12, 2008, electronic software delivery
- January 16, 2009, media and documentation

WebSphere Process Server

WebSphere Process Server delivers a unique integration framework that can simplify 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 with one common model to orchestrate, mediate, connect, map, and execute the underlying IT functions. With this, WebSphere Process Server is designed to simplify the 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 very 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™.

New features in WebSphere Process Server V6.2

Designed to empower business users by providing real-time access to critical process information, and give the ability to interact with processes to influence runtime process execution in response to changing business conditions.

- Extends the capabilities for the business user introduced in WebSphere Process Server V6.1.2 -- leveraging the common Business Space powered by WebSphere user interface -- for worklist and task management with new features, such as the ability to view the related business process or task history information from the human workflow diagram, as well as the ability for business users to create, view, modify, verify status and cancel subtasks from within their Business Space.
- Enables business users with enhanced flexibility and control over runtime processes through the ability to characterize a collection of process activities and their associated data as a collaboration scope, enabling them to modify the flow of steps within those in-flight process instances by skipping and redoing activities, and adding human tasks from within their Business Space.
- Delivers the new Business Calendar Manager widget in Business Space that enables business users to add, update, and delete calendar event information to reflect changes based on ongoing business operations. Enables role-based access to business calendar configured through security widgets in Business Space.
- Enables directed deployment from WebSphere Business Modeler into WebSphere Process Server, enabling a user to directly deploy models to the run time.

Delivers powerful enhancements that simplify the process of application deployment, grant additional control over the artifacts in the deployment environment, and improve user productivity for ongoing application operation and administration.

- Simplifies the identification of failed flows by using a graphical Tree view that correlates log statements and errors that appear in the system out log, enabling faster problem determination.
- Supports direct deployment of executable process models from WebSphere Business Modeler.
- Introduces enhancements that enable module versioning, as well as module-aware service versioning (SCA bindings only).
- Enables configuration for role-based access to timetable information in the run-time environment via Business Space widgets.
- Supports the population of relationship tables with instance data via SQL script or Java program, eliminating the need for manual data entry.
- 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 that increase usability and speed time-to-value include a full installation of WebSphere Process Server V6.2, including WebSphere Application Server Network Deployment and the Web Services Feature Pack for WebSphere Application Server, with the creation of a profile that includes the Web Services Feature Pack augmentation; improved installation error determination after a installation failure or partial success; an installation verification tool that validates that the installation produced a successful server configuration; Installation Factory Integrated Install Package (IIP) support for creating custom installation packages; and scripting capabilities for configuration of production environments.
- Improves the installation experience on z/OS with enhancements that include a reduction in the number of authentication aliases generated for resources within WebSphere Process Server for z/OS, the ability for customers to use the zPMT configuration tool to create augment response files for use in augmenting their WebSphere Process Server for z/OS installation, and the generation of more consumable Data Definition Language (DDL).
- Simplifies problem determination with consistent fault support across bindings (including tooling in WebSphere Integration Developer) and unified failed event management across all components (including mediations).
- Empowers the Administrator with business administration widgets in Business Space for monitoring the health of the system. They also provide additional information from the Administration Console including SCA module details, Enterprise Java Beans (EJB) Import Binding information, and contextual links throughout the panels, in addition to providing more control when installing an SCA module via the Administration Console or equivalent scripting, and optionally deploying it to a target server or cluster.
- Simplifies the management of the Service Integration Bus with a new browser view that is tailored to the end user who explores existing buses in support of ongoing operations.

Delivers a simplified user experience with the reporting capabilities of BPC Observer now moved to BPC Explorer to leverage these reporting capabilities when administrating business processes and human tasks, as well as new capabilities around custom view definition with time constraints relative to when the view is used and where the selected actions to be displayed match the anticipated scenarios.

Delivers enhancements to facilitate faster and more effective development, testing, deployment, and execution of business process solutions.

- Delivers enhancements to more easily support additional use cases, including true support for arrays, discovery enablement for JAX-WS and JAXB2-based Java services.
- Supports out-of-the-box data handlers across all bindings, as configured in WebSphere Integration Developer.
- Delivers capabilities to build more flexible and intelligent process solutions through the ability to access business context information and programmatically propagate that context across all binding types.
- Delivers process model extensions for Business Process Modeling Notation (BPMN) support, including processes defined in WebSphere Business Modeler and WebSphere Integration Developer that include generalized flows (previously called "Cyclic Flows") in which the navigation logic has been set using the visual tools and the behavior specified for incoming and outgoing links.
- Allows the definition of an exit condition on activities, which specifies the criteria identifying when an activity can be automatically skipped or when the process needs to come to a halt because the execution of an activity did not result in certain business criteria being met.
- Improves publish response time and messaging engine start-up time.

Extends the reach of process solutions.

- Delivers new policy-driven connectivity for the administrator to configure service mediations through policies.
- Enhances Web Services standards support
- Enhances service mediation capabilities

Delivers enhancements designed to ease the effort of migrating from WebSphere Business Integration heritage server solutions.

- WebSphere Business Integration Server Foundation solutions: Improves integration developer productivity by enabling the import of entire WebSphere Studio Application Developer Integration Edition workspaces into WebSphere Integration Developer, and by aiding in the migration of service interfaces to custom Java code.
- WebSphere InterChange Server solutions: Improves time to value when migrating solutions by enabling the use of migrated maps with WebSphere V6 Adapters on WebSphere Process Server, generating native SCA bindings (MQ, JMS, HTTP, and EJB) for use with migrated maps, supporting running text-based heritage data handlers on WebSphere Process Server, and improving the runtime performance of migrated content.
- WebSphere Business Integration Server Express and WebSphere Business Integration Server Express Plus solutions: Supports the migration of WBI-SX artifacts to new value-add solutions assembled with WebSphere Integration Developer for deployment on WebSphere Process Server, providing a growth path to an enterprise BPM solution that enables significant value-add capabilities and platform support, as well as supporting virtually unlimited workloads.
- WebSphere MQ Workflow solutions: Enhances qualities of service with improved human task performance for WebSphere Process Server workflow solutions and new migration utility options that enable the generation of process models optimized for visual recognition and WebSphere Process Server runtime performance.

Platform alignment and currency

- Supports WebSphere Application Server V6.1.
- Adds support for IBM z/OS and z/OS.e 1.9, or later, including zFS, enabling WebSphere Process Server to run on the latest release of z/OS to leverage native z/OS facilities.
- Supports Windows® Vista as a runtime platform in non-production environments, enabling WebSphere Process Server to run on the latest version of Microsoft's server operating system in development and test scenarios.
- Complies with the security settings as defined by the Federal Desktop Core Configuration (FDCC) for the U.S. federal government.

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 is the user-friendly authoring environment 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. 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 and IBM Rational

Asset Manager. It also provides a component architecture that simplifies component interfaces and plug-and-play solutions.

- Constructs process and integration solutions using intuitive drag-and-drop technology to visually define the sequence and flow of business processes. The visual editors for Business Process Execution Language (BPEL), Human Tasks, State Machines, Business Rules, Data Mapping, and others minimize the need to write code.
- Supports various types of business services, including executable business processes involving systems and human interaction based on WS-BPEL and IBM extensions with integrated fault and event handling, and support for compensation; mediation, orchestration, and integration of services; business rules and state machines.
- Has comprehensive interface and data mapping capabilities, including some support of automatic mapping and reverse mapping.
- Leverages industry-standard interfaces and schemas represented in Web Services Description Language (WSDL) and XML Schema Definition (XSD).
- Supports generation of human interaction user interfaces that can be easily customized. Wizards for several technologies are offered, including the out-of-the-box Business Space, JavaServer Faces (JSF), WebSphere Portal, and Lotus Forms.
- 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 provides built-in test case support for creating test suites of repeatable test cases.
- 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.
- Includes a wide range of adapters for interactions with people, data, and systems including Email, Flat Files, 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.

New features in WebSphere Integration Developer V6.2

Provides a powerful and flexible development environment with support for the latest technologies and standards:

- Supports new capabilities delivered in WebSphere Process Server and WebSphere ESB V6.2, including: policy-based ESB, enhanced process dynamicity, module versioning, and improved fault handling
- Supports the WebSphere Application Server Web Services Feature Pack and delivers support for Soap 1.2, giving easier access to headers and better problem determination of Web services that use SOAP
- Supports Eclipse V3.4, which provides users with a single tooling experience when combined with tools such as IBM Rational Application Developer V7.5 through shell sharing

Accelerates iterative development between business analysts and IT developers with integration to WebSphere Business Modeler:

- Enhances the use of timetables defined in WebSphere Business Modeler and leveraged at execution time
- Improves the ability to refactor Forms created in WebSphere Business Modeler
- Provides the ability for the IT Developer to assist in testing and problem determination of solutions created and deployed by the WebSphere Business Modeler user

Simplifies the tooling experience and accelerates solution development:

- Simplifies the authoring experience with usability improvements to the assembly, BPEL, and message flow (MFC) editors
- Improves support for dealing with different message types and protocol specific headers, including CICS® and IMS[™] messages

Delivers enhanced mediation support:

- Improves efficiency with services gateway
- Enables Mediation Flows and XSLT transformations in Business Module
- Allows multiple mediation components in a module
- Enables reuse in the mediation programming model
- Enables the ability to map very large Business Objects

Provides a tutorial-based WebSphere ESB sample program that shows the user how to create and deploy a WebSphere ESB solution.

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 minimizes the need to write code. 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.

New features in WebSphere ESB V6.2

Delivers new policy-driven connectivity

- Increased flexibility to administratively configure service mediations through policies
- Full set of mediation capabilities manageable via policies
- Integration with WebSphere Service Registry and Repository for policy management and governance

Enhances Web Services standards support

- Improved interoperability with support for WS-I Reliable Secure Profile, SOAP 1.2, WS-Reliable Messaging and supporting standards
- Simplified administration of Qualities of Service through Web Services policy sets
- Simplified development through the provision of a new Web Services binding based on JAX-WS 2.0, JAXB 2.0, SAAJ 1.3, and StAX 1.0

Enhanced service mediation capabilities

- Enhanced flexibility in service gateway scenarios
- Enhanced performance with parallel processing for splitting and aggregating patterns
- Streamlined integration to support WebSphere Process Server solutions

Media Extender for WebSphere Enterprise Service Bus V6.2

Media Extender for WebSphere Enterprise Service Bus provides media-aware service mediation facilities that can be used as components of the IBM Media Hub Solution Framework. They form part of a solution to enable business transformation by linking business and content systems together for effective media management.

Media Extender for WebSphere Enterprise Service Bus delivers three mediation primitives that can be exploited in mediation flows:

- Service Lookup - Locate service implementations in a services registry. Sensitivity to media formats described by MPEG-21 is built into the lookup process.
- Rule Evaluation - Calculation (based on MPEG-21 media metadata) of additional mediation steps required before the final service call. Actions are configured based on awareness of media formats and available transport protocols.
- Dynamic Selection - select from candidate service implementations, based on dynamic performance information.

Service Lookup and Rule Evaluation use service metadata that can be stored in WebSphere Service Registry and Repository. Dynamic Selection and Rule Evaluation use a digest of information provided by an external monitoring system.

As an illustration of the use of the primitives, the following are also provided:

- Simple file-based registry of sample service metadata.
- Mediation flows representing mediated services relevant to media management:
 - Transcoder - Lookup of Transcoder suitable to make media acceptable to target services.
 - Repository - Storage/retrieval of media, and illustrating the use of Rule Evaluation to determine and invoke Datamover and Transcoding services before calling the Repository.

Use Media Extender for WebSphere Enterprise Service Bus to radically simplify and optimize the construction of media-oriented integration projects and workflows.

Media Extender for WebSphere Enterprise Service Bus helps integrate existing media-oriented software platforms and media assets using industry-standard service oriented architecture. They can be used as part of a strategy to achieve business efficiency and agility in the media industry.

For initial installation, two separate environment install packages are provided, one for Windows and one for Linux®, each containing an installer and publications, including an installation guide.

For complete information on installation and deployment, see the documentation provided as part of the download or physical installation package.

WebSphere Adapters

To integrate business applications and processes, you must first connect your disparate application and information assets into a coherent framework. This connectivity is critical to leverage these assets in new and flexible business service applications and to extend and grow the return on investment in those solutions. Elimination of ongoing manual coding and custom interface maintenance can enhance the business flexibility of your IT infrastructure. WebSphere Adapters provide a standard interface to enable these applications, insulating them from the details of information storage and retrieval. Adapters participate in an SOA by providing service enablement, Service discovery, Event capture, and a toolkit to build your own custom adapters.

WebSphere Adapters V6.2 provide the following Java Enterprise Edition (JEE) Connector Architecture (JCA) 1.5-compatible adapters and tools:

- WebSphere Adapter for IBM i V6.2 provides integration to applications on the IBM i platform.
- WebSphere Adapter for Email V6.2 enables the exchange of business objects with a variety of applications as e-mail message attachments.
- WebSphere Adapter for FTP V6.2 enables integration with applications using FTP to send and receive files to a remote FTP server.
- WebSphere Adapter for Flat Files V6.2 enables integration with applications, which provide a basic flat-file interface.
- WebSphere Adapter for JDBC V6.2 enables object-oriented integration with applications through the data tier. This JCA resource adapter integrates with database management systems through the exchange of relational data including tables, views, and stored procedures. It also provides comprehensive support for create, update, delete, and retrieve operations.
- WebSphere Adapter for SAP Software V6.2 enables bidirectional integration with SAP applications. This JCA resource adapter leverages Java APIs to access the SAP Business Application Programming Interface (BAPI) change parameters through a Remote Function Call (RFC) and to provide the bidirectional exchange of IDocs through the Application Enabling Link (ALE).
- WebSphere Adapter for Siebel Business Applications V6.2 leverages the Siebel Java Data Bean Object API to enable bidirectional integration with Siebel Business Applications.
- WebSphere Adapter for Oracle E-Business Suite V6.2 provides JDBC support for interface tables, concurrent programs, PL/SQL APIs, base tables, and views. Also supports event polling, database triggers, or Business Event System (BES) for events.
- WebSphere Adapter for JD Edwards EnterpriseOne V6.2 provides bidirectional integration to the JD Edwards EnterpriseOne suite. This JCA resource adapter supports the Dynamic Java Connector API with Business Functions and the list widget class XMLList.
- WebSphere Adapter for PeopleSoft Enterprise V6.2 provides bidirectional, real-time integration to PeopleSoft Enterprise. It interacts with PeopleSoft through the PeopleTools Component Interface Java API.
- WebSphere Adapter Toolkit V6.2 enables clients and Business Partners to develop custom adapters to meet unique business requirements. The toolkit helps to create either a basic JCA 1.5 adapter or an adapter that leverages the additional capabilities of the Adapter Foundation Classes utilized by the prebuilt WebSphere Adapters. These custom adapters can be run on WebSphere Process Server, WebSphere ESB, WebSphere Message Broker, or WebSphere Application Server.

WebSphere Adapter Toolkit is available for download free from IBM developerWorks® to clients and Business Partners who buy licenses for WebSphere Integration Developer or IBM Rational Application Developer. To access WebSphere Adapter Toolkit, visit

<http://www.ibm.com/developerworks/websphere/downloads/wat/>

New features in WebSphere Adapters V6.2

- The new WebSphere Adapter for IBM i V6.2: Support for data queues and RPG program calls.
- WebSphere Adapter for Oracle E-Business Suite V6.2: Tooling experience and features customized for Oracle E-Business Suite, with improved tooling usability and performance compared to JDBC Adapter tooling.
- WebSphere Adapter for JD Edwards EnterpriseOne V6.2: Inbound support for Real Time Events
- WebSphere Adapter Toolkit V6.2: Updates to v6.2 Adapter Foundation Classes. Enables ISVs and service partners to gain the benefit of reusing enhancements from the underlying code base used in the prebuilt WebSphere Adapters V6.2
- WebSphere Adapter for FTP V6.2: Support for Secure File Transfer Protocol (SFTP)

The following new features apply to multiple adapters:

- J2C Fault Tooling (SAP, Flat Files, Oracle EBS, and JDBC adapters)
- Improved problem determination (all adapters)

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 one of the leading J2EE application server and development environments, and includes a built-in JMS engine, for messaging between J2EE applications.
- WebSphere Dynamic Process Edition is a comprehensive set of software offerings designed to allow customers requiring enterprise-wide integration capabilities and service oriented architecture (SOA) to optimize their business processes with dynamic capabilities for rapid change and customization. WebSphere Dynamic Process Edition is built on IBM market leading SOA-enabled products and capabilities that provide the foundation for integrating end-to-end business processes across an enterprise. It includes three products: WebSphere Business Modeler V6.2, WebSphere Business Services Fabric V6.2, and WebSphere Business Monitor V6.2.
- WebSphere Business Services Fabric provides an end-to-end platform for the rapid assembly, delivery, and governance of industry-focused composite business services (CBS) in an SOA. It adds an industry-specific, semantically aware layer to the IBM SOA Foundation to enable dynamic business service personalization and delivery based on business context. WebSphere Service Registry and Repository provides the technical service metadata underpinning, serving as a prerequisite for the WebSphere Business Services Fabric solution. Note that this product is bundled with WebSphere Process Server and WebSphere Integration Developer by default.

- 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 -- 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 code. Users have a single tooling experience when combined with separately purchased tools such as IBM Rational Application Developer through shell sharing.
- 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.
- WebSphere Adapters help integrate applications, technologies, and partner systems within and outside the enterprise. This extended range of adapters is integral to a scalable, secure integration infrastructure for the On Demand Business.

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 one of the industry's top application server and integration capabilities. It provides business flexibility on a highly scalable, reliable platform. WebSphere Process Server offers 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 an integrated Eclipse platform. It can be expanded to other roles, such as business analyst, by adding the WebSphere Business Modeler product or J2EE developer by adding the IBM Rational Application Developer product, which is the primary development tooling for J2EE and portal developers.

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 to write code

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 by extending 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 IBM's BPM portfolio. The IBM 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

Product description	Language	General availability date
Media Extender for WESB V6.2.0	English US	January 16, 2009
WebSphere ESB V6.2.0	Multilingual (English International, French, Russian, Korean, Chinese-Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese-Traditional, Hungarian, Czech, Italian, Polish)	January 16, 2009
WebSphere Integration Dev V6.2.0	Multilingual (English International, French, Russian, Korean, Chinese-Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese-Traditional, Hungarian, Czech, Italian, Polish)	January 16, 2009
WebSphere Process Server V6.2.0	Multilingual (English International, French, Russian, Hebrew, Arabic, Korean, Chinese-Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese-Traditional, Hungarian, Czech, Italian, Polish)	January 16, 2009

Program number

Program number	VRM	Program name
5724-V32	6.2.0	IBM Media Extender for WebSphere ESB
5724-I82	6.2.0	WebSphere ESB
5724-I66	6.2.0	WebSphere Integration Developer
5724-L01	6.2.0	WebSphere Process Server

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

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

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

http://www.ibm.com/developerworks/websphere/education/enablement/roadm_aps/

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

<http://www.ibm.com/software/integration/wsesb/library/>

For **WebSphere Process Server** documentation, go to

<http://www.ibm.com/software/integration/wps/library/infocenter/>

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
- 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
- Traditional Chinese

Information Center translations will be made available no later than 90 days after electronic GA.

Media Extender for WebSphere Enterprise Service Bus user documentation is available in U.S. English only.

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

Specified operating environment

Hardware requirements

WebSphere Process Server and WebSphere ESB

AIX® on POWERtm systems

- Any system from the IBM POWER family of processors
- Minimum 1 GB physical memory; 2 GB recommended
- DVD/CD-ROM drive

HP-UX on PA-RISC systems

- PA-RISC processor

- Minimum 1 GB physical memory; 2 GB recommended
- DVD/CD-ROM drive

HP-UX on IA64 systems

- Intel® Itanium® 2 processor
- Minimum 1 GB physical memory; 2 GB recommended
- DVD/CD-ROM drive

I5/OS systems

- Any system from the IBM POWER5[™] family of processors or later; one processing unit or more
- Minimum 2 GB physical memory; 4 GB recommended
- DVD/CD-ROM drive

Linux on x86 systems

- Intel Pentium® at 3GHz for single-core system, 2.4GHz for dual cores or faster; Intel EM64T or AMD Opteron (32-bit kernel support only)
- Minimum 1 GB physical memory; 2 GB recommended
- DVD/CD-ROM drive

Linux on x86-64 systems

- AMD Opteron or Intel EM64T (64-bit kernel support)
- Minimum 1 GB physical memory; 2 GB recommended
- DVD/CD-ROM drive

Linux on POWER systems

- Any system from the IBM POWER family of processors
- Minimum 1 GB physical memory; 2 GB recommended
- DVD/CD-ROM drive

Linux on System z®

- System z processor
- Minimum 1 GB physical memory; 2 GB recommended
- DVD/CD-ROM drive

Solaris on SPARC systems

- Sun Solaris operating environment compatible SPARC at 440MHz or faster
- Minimum 1 GB physical memory; 2 GB recommended
- DVD/CD-ROM drive

Solaris on x86-64 systems

- AMD Opteron or Intel EM64T (64-bit kernel support)
- Minimum 1 GB physical memory; 2 GB recommended
- DVD/CD-ROM drive

Windows on x86 systems

- Intel Pentium at 500MHz or faster; Intel EM64T or AMD Opteron (32-bit kernel support only)
- Minimum 1 GB physical memory; 2 GB recommended
- DVD/CD-ROM drive

Windows on x86-64 systems

- AMD Opteron or Intel EM64T (64-bit kernel support)
- Minimum 1 GB physical memory; 2 GB recommended
- DVD/CD-ROM drive

WebSphere Integration Developer

Linux on x86 systems :

- Intel Pentium III processor at 1GHz or faster
- Minimum of 1 GB physical memory (2 GB physical memory is recommended)
- Minimum of 3.3 GB available disk space for a default installation, and 5.0 GB for a full installation; this includes the temporary disk space required during installation
- Minimum 1024 x 768 display resolution (1280 x 1024 is recommended)

Linux on Windows x86 systems

- Intel Pentium III processor at 1GHz or faster
- Minimum of 1 GB physical memory (2 GB physical memory is recommended)
- Minimum of 3.3 GB available disk space for a default installation, and 5.0 GB for a full installation; this includes the temporary disk space required during installation
- Minimum 1024 x 768 display resolution (1280 x 1024 is recommended)

WebSphere Media Extender for WebSphere ESB

Linux on x86 system

- Intel Pentium at 3Ghz for single-core system, 2.4GHz for dual cores or faster; Intel EM64T or AMD Opteron (32-bit kernel support only)
- Minimum 1 GB physical memory; 2 GB recommended
- DVD/CD-ROM drive

Windows on x86 system

- Intel Pentium at 500MHz or faster; Intel EM64T or AMD Opteron (32-bit kernel support only)
- Minimum 1 GB physical memory; 2 GB recommended
- DVD/CD-ROM drive

Software requirements

WebSphere Process Server and WebSphere ESB

AIX on POWER systems

- Operating systems (supported with a 32-bit WebSphere Application Server)
 - AIX 5Ltm 5.3 (TL 5300-06 or later Fix Pack) (32- and 64-bit kernel support)
 - AIX 6.1 (TL 6100-01-00-0822 or later Fix Pack) (64-bit kernel support)
- Operating systems (supported with a 64-bit WebSphere Application Server)
 - AIX 5L 5.3 (TL 5300-06 or later Fix Pack) (64-bit kernel support)
 - AIX 6.1 (TL 6100-01-00-0822 or later Fix Pack) (64-bit kernel support)
- Application server
 - WebSphere Application Server Network Deployment 6.1 Fix Pack 21 (or later Fix Pack)
 - WebSphere Extended Deployment 6.1, Fix Pack 1

- Java
 - IBM 32-bit SDK for AIX, Java 2 Technology Edition, 5.0 Service Refresh 8
 - IBM 64-bit SDK for AIX, Java 2 Technology Edition, 5.0 Service Refresh 8

Note: The WebSphere-supplied Java 2 software development kit (SDK) is required for both the runtime environment and remote Java clients.

- Databases
 - Cloudscape® 10.1
 - DB2 Enterprise Server Edition 8.2 Fix Pack 6 (or later Fix Pack)
 - DB2 Workgroup Server Edition 8.2 Fix Pack 6 (or later Fix Pack)
 - DB2 Enterprise Server Edition 9.1 (any Fix Pack)
 - DB2 Workgroup Server Edition 9.1 (any Fix Pack). Note: Business Process Choreographer can be configured to use Materialized Query Views; see Performance Optimization Feature Pack.
 - DB2 Enterprise Server Edition for Linux, UNIX®, and Windows 9.5 (any Fix Pack)
 - DB2 Workgroup Server Edition for Linux, UNIX, and Windows 9.5 (any Fix Pack). Notes: Business Process Choreographer minimum requirement is DB2 9.5 Fix Pack 1. IBM DB2 Enterprise Server Edition for LUW 9.5 is only supported on 64-bit architectures.
 - Informix® Dynamic Server 10.00 C5 (or later Fix Pack). Note: Not supported for Business Process Choreographer.
 - Oracle 9i Enterprise Edition Release 2 - 9.2.0.7
 - Oracle 9i Standard Edition Release 2 - 9.2.0.7
 - Oracle 10g Enterprise Edition Release 1 - 10.1.0.4
 - Oracle 10g Standard Edition Release 1 - 10.1.0.4
 - Oracle 10g Enterprise Edition Release 2 - 10.2.0.2 (or later Fix Pack)
 - Oracle 10g Standard Edition Release 2 - 10.2.0.2 (or later Fix Pack)
 - Oracle 11g Enterprise Edition Release 1 - 11.1.0.6.0 (or later Fix Pack)
 - Oracle 11g Standard Edition Release 1 - 11.1.0.6.0 (or later Fix Pack). Note: Supports Oracle Real Application Cluster (RAC).
- Java Database Connectivity (JDBC) drivers
 - Derby JDBC Provider (XA)
 - Derby Network Server using Derby Client Provider (XA)
 - DB2 Universal JDBC Provider (XA) 2.8 (type 2)
 - DB2 Universal JDBC Provider (XA) 2.8 (type 4)
 - DB2 Universal JDBC Provider (XA) from DB2 z/OS (type 4)
 - IBM Application Connectivity to DB2 for z/OS Feature
 - Toolbox (XA) for Java/JTOpen JDBC Driver 4.8 (type 4)
 - Informix JDBC (XA) Driver 3.00 JC3 (type 4)
 - Informix JDBC (XA) Driver 3.10 JC1 (type 4)
 - Oracle 9i JDBC (XA) Driver
 - Oracle 10g JDBC (XA) Driver
 - Oracle 11g JDBC (XA) Driver
 - IBM WebSphere embedded Connect JDBC (XA) 3.5 build 37 (type 4)
 - DataDirect Connect JDBC (XA) 3.5 build 37 (type 4)
 - Microsoft SQL Server JDBC Driver, Version 1.2
- LDAP servers (required only to support optional functions)
 - IBM Tivoli Directory Server 6.0
 - IBM Tivoli Directory Server 6.1
 - IBM Lotus Domino® Enterprise Server 6.5.4

- IBM Lotus Domino Enterprise Server 7.0
- Novell eDirectory 8.7.3
- Novell eDirectory 8.8 Service Pack 1
- OpenLDAP 2.2.17 Build 20040923
- Web servers
 - Apache HTTP Server 2.0.54
 - IBM HTTP Server for WebSphere Application Server 6.0.2
 - IBM HTTP Server for WebSphere Application Server 6.1
 - IBM Lotus Domino Enterprise Server 6.5.4
 - IBM Lotus Domino Enterprise Server 7.0
 - Sun Java System Web Server 6.1 Service Pack 3
- Web browser: Mozilla 1.7.13 (The Business Space component of WebSphere Process Server is not supported on Mozilla 1.7.13. A Web browser is required for administration and configuration, sample program execution, and the launchpad. There is no restriction or certification of Web browsers on clients that connect to the server to display content.)
- JMS provider (required only to support optional functions)
 - WebSphere MQ 6.0.2 (any Fix Pack)
 - WebSphere MQ 7.0
 - WebSphere Application Server default messaging provider
- Clients (required only to support optional functions)
 - Message Service Client for C/C++ 1.2
 - For WebSphere Process Server only:
 - WebSphere Process Server Client 6.0.2
 - WebSphere Process Server Client 6.1
 - WebSphere Process Server Client 6.1.2
 - WebSphere Process Server Client 6.2.0. (The WebSphere Process Server Client 6.2.0 can be installed on WebSphere Application Server 6.1 and supported on the same set of platforms supported by WebSphere Process Server 6.2.0. Customer applications using or based on the WebSphere Process Server Client 6.0.2, 6.1, or 6.1.2 and higher will work against WebSphere Process Server 6.2.0.)
- Security (required only to support optional functions) IBM Tivoli Access Manager for e-Business 6.0
- Resource Adapters (required only to support optional functions)
 - CICS Transaction Gateway 6.0
 - IMS Connector for Java 9.1.0.2
- Business-to-business integration (required only to support optional functions)
 - IBM Lotus Forms 3.0
 - WebSphere Transformation Extender 8.2
 - For WebSphere Process Server only:
 - WebSphere Partner Gateway Advanced Edition 6.1, 6.1.1
 - WebSphere Partner Gateway Advanced Edition 6.2
 - WebSphere Partner Gateway Enterprise Edition 6.1, 6.1.1
 - WebSphere Partner Gateway Enterprise Edition 6.2
- License use management (required only to support optional functions) IBM Tivoli License Manager 2.2
- Service Registries (required only to support optional functions) IBM WebSphere Service Registry and Repository 6.2 Fix Pack 2. Note: Remote connections to earlier levels of WebSphere Service Registry and Repository are supported.
- Tools and Utilities: WebSphere Application Server Feature Pack for Web Services 6.1.0.21

HP-UX on PA-RISC systems

- Operating systems (supported with a 32-bit WebSphere Application Server): HP-UX 11iv2 (11.23) with Standard Patch Bundles of March 2006 and September 2004 Bundle 11i
- Application server
 - IBM WebSphere Application Server Network Deployment 6.1 Fix Pack 21 (or later Fix Pack)
 - IBM WebSphere Extended Deployment 6.1, Fix Pack 1
- Java: HP SDK for J2SE HP-UX 11i platform, adapted by IBM for IBM Software Version 5.0 Service Refresh 8

Note: The WebSphere-supplied Java 2 software development kit (SDK) is required for both the runtime environment and remote Java clients.

- Databases
 - Cloudscape 10.1
 - DB2 Enterprise Server Edition 8.2 (or later Fix Pack)
 - DB2 Workgroup Server Edition 8.2 (or later Fix Pack)
 - DB2 Enterprise Server Edition 9.1 (any Fix Pack)
 - DB2 Workgroup Server Edition 9.1 (any Fix Pack). Note: Business Process Choreographer can be configured to use Materialized Query Views; see Performance Optimization Feature Pack.
 - DB2 Enterprise Server Edition for Linux, UNIX, and Windows 9.5 (any Fix Pack)
 - DB2 Workgroup Server Edition for Linux, UNIX, and Windows 9.5 (any Fix Pack). Notes@: Business Process Choreographer minimum requirement is DB2 9.5 Fix Pack 1. IBM DB2 Enterprise Server Edition for LUW 9.5 is only supported on 64-bit architectures.
 - IBM Informix Dynamic Server 10.00 C5 (or later Fix Pack). Note: Not supported for Business Process Choreographer.
 - Oracle 9i Enterprise Edition Release 2 - 9.2.0.7
 - Oracle 9i Standard Edition Release 2 - 9.2.0.7
 - Oracle 10g Enterprise Edition Release 1 - 10.1.0.4
 - Oracle 10g Standard Edition Release 1 - 10.1.0.4
 - Oracle 10g Enterprise Edition Release 2 - 10.2.0.2 (or later Fix Pack)
 - Oracle 10g Standard Edition Release 2 - 10.2.0.2 (or later Fix Pack)
 - Oracle 11g Enterprise Edition Release 1 - 11.1.0.6.0 (or later Fix Pack)
 - Oracle 11g Standard Edition Release 1 - 11.1.0.6.0 (or later Fix Pack). Note: Supports Oracle Real Application Cluster (RAC).
- Java Database Connectivity (JDBC) drivers
 - Derby JDBC Provider (XA)
 - Derby Network Server using Derby Client Provider (XA)
 - DB2 Universal JDBC Provider (XA) 2.8 (type 2)
 - DB2 Universal JDBC Provider (XA) 2.8 (type 4)
 - DB2 Universal JDBC Provider (XA) from DB2 z/OS (type 4)
 - IBM Application Connectivity to DB2 for z/OS Feature
 - IBM Toolbox (XA) for Java/JTOpen JDBC Driver 4.8 (type 4)
 - Informix JDBC (XA) Driver 3.00 JC3 (type 4)
 - Informix JDBC (XA) Driver 3.10 JC1 (type 4)
 - Oracle 9i JDBC (XA) Driver
 - Oracle 10g JDBC (XA) Driver
 - Oracle 11g JDBC (XA) Driver
 - WebSphere embedded Connect JDBC (XA) 3.5 build 37 (type 4)
 - DataDirect Connect JDBC (XA) 3.5 build 37 (type 4)

- Microsoft SQL Server JDBC Driver, Version 1.2
- LDAP servers (required only to support optional functions)
 - IBM Tivoli Directory Server 6.0
 - IBM Tivoli Directory Server 6.1
 - Sun ONE Directory Server 5.1 Service Pack 4
 - Sun ONE Directory Server 5.2
 - Novell eDirectory 8.7.3
 - Novell eDirectory 8.8 Service Pack 1
 - OpenLDAP 2.2.17 Build 20040923
- Web server
 - Apache HTTP Server 2.0.54
 - IBM HTTP Server for WebSphere Application Server 6.0.2
 - IBM HTTP Server for WebSphere Application Server 6.1
 - Sun Java System Web Server 6.1 Service Pack 3
- Web browser

Mozilla 1.7.13. Notes: The Business Space component of WebSphere Process Server is not supported on Mozilla 1.7.13. A Web browser is required for administration and configuration, sample program execution, and the launchpad. There is no restriction or certification of Web browsers on clients that connect to the server to display content.
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 - WebSphere MQ 6.0.2 (any Fix Pack)
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 - WebSphere Process Server Client 6.1
 - WebSphere Process Server Client 6.1.2
 - WebSphere Process Server Client 6.2.0. (The WebSphere Process Server Client 6.2.0 can be installed on WebSphere Application Server 6.1 and supported on the same set of platforms supported by WebSphere Process Server 6.2.0. Customer applications using or based on the WebSphere Process Server Client 6.0.2, 6.1, or 6.1.2 and higher will work against WebSphere Process Server 6.2.0.)
- Security (required only to support optional functions) IBM Tivoli Access Manager for e-Business 6.0
- Resource Adapters (required only to support optional functions)
 - CICS Transaction Gateway 6.0
 - IMS Connector for Java 9.1.0.2
- Business-to-business integration (required only to support optional functions) WebSphere Transformation Extender 8.2
- License use management (required only to support optional functions) IBM Tivoli License Manager 2.2
- Tools and Utilities: WebSphere Application Server Feature Pack for Web Services 6.1.0.21

HP-UX on IA64 systems

- Operating systems (supported with a 64-bit WebSphere Application Server)
 - HP-UX 11iv2 (11.23) (64-bit kernel) with Standard Patch Bundles of March 2006 and September 2004 Bundle 11i
 - HP-UX 11iv3 (64-bit kernel support)

- Application server
 - WebSphere Application Server Network Deployment 6.1 Fix Pack 21 (or later Fix Pack)
 - WebSphere Extended Deployment 6.1, Fix Pack 1
- Java:
 - HP SDK for J2SE HP-UX 11i platform, adapted by IBM for IBM Software Version 5.0 Service Refresh 8

Note: The WebSphere-supplied Java 2 software development kit (SDK) is required for both the runtime environment and remote Java Clients.

- Databases
 - Cloudscape 10.1
 - DB2 Enterprise Server Edition 8.2 (or later Fix Pack)
 - DB2 Workgroup Server Edition 8.2 (or later Fix Pack)
 - DB2 Enterprise Server Edition 9.1 (any Fix Pack)
 - DB2 Workgroup Server Edition 9.1 (any Fix Pack). Note: Business Process Choreographer can be configured to use Materialized Query Views; see Performance Optimization Feature Pack.
 - DB2 Enterprise Server Edition for Linux, UNIX, and Windows 9.5 (any Fix Pack)
 - DB2 Workgroup Server Edition for Linux, UNIX, and Windows 9.5 (any Fix Pack). Notes: Business Process Choreographer minimum requirement is DB2 9.5 Fix Pack 1. IBM DB2 Enterprise Server Edition for LUW 9.5 is only supported on 64-bit architectures.
 - Informix Dynamic Server 10.00 C5 (or later Fix Pack). Note: Not supported for Business Process Choreographer.
 - Oracle 10g Enterprise Edition Release 2 - 10.2.0.2 (or later Fix Pack)
 - Oracle 10g Standard Edition Release 2 - 10.2.0.2 (or later Fix Pack)
 - Oracle 11g Enterprise Edition Release 1 - 11.1.0.6.0 (or later Fix Pack)
 - Oracle 11g Standard Edition Release 1 - 11.1.0.6.0 (or later Fix Pack). Note: Supports Oracle Real Application Cluster (RAC).
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 - DB2 Universal JDBC Provider (XA) 2.8 (type 4)
 - DB2 Universal JDBC Provider (XA) from DB2 z/OS (type 4)
 - Application Connectivity to DB2 for z/OS Feature
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 - Informix JDBC (XA) Driver 3.00 JC3 (type 4)
 - Informix JDBC (XA) Driver 3.10 JC1 (type 4)
 - Oracle 9i JDBC (XA) Driver
 - Oracle 10g JDBC (XA) Driver
 - Oracle 11g JDBC (XA) Driver
 - WebSphere embedded Connect JDBC (XA) 3.5 build 37 (type 4)
 - DataDirect Connect JDBC (XA) 3.5 build 37 (type 4)
 - Microsoft SQL Server JDBC Driver, Version 1.2
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 - IBM Tivoli Directory Server 6.1
 - OpenLDAP 2.2.17 Build 20040923
- Web servers

- Apache HTTP Server 2.0.54
- IBM HTTP Server for WebSphere Application Server 6.0.2
- IBM HTTP Server for WebSphere Application Server 6.1
- Web browser

Mozilla 1.7.13. Notes: The Business Space component of WebSphere Process Server is not supported on Mozilla 1.7.13. A Web browser is required for administration and configuration, sample program execution, and the launchpad. There is no restriction or certification of Web browsers on clients that connect to the server to display content.
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 - WebSphere Process Server Client 6.1.
 - WebSphere Process Server Client 6.1.2.
 - WebSphere Process Server Client 6.2.0 (The WebSphere Process Server Client 6.2.0 can be installed on WebSphere Application Server 6.1 and supported on the same set of platforms supported by WebSphere Process Server 6.2.0. Customer applications using or based on the WebSphere Process Server Client 6.0.2, 6.1, or 6.1.2 and higher will work against WebSphere Process Server 6.2.0.)
- Resource adapters (required only to support optional functions)
 - IBM CICS Transaction Gateway 7.0
- Business-to-business integration (required only to support optional functions): WebSphere Transformation Extender 8.2
- License use management (required only to support optional functions): IBM Tivoli License Manager 2.3 (agent only)
- Service Registries (required only to support optional functions): WebSphere Service Registry and Repository 6.2 Fix Pack 2. Note: Remote connections to earlier levels of WebSphere Service Registry and Repository are supported.
- Tools and utilities: IBM WebSphere Application Server Feature Pack for Web Services 6.1.0.21

i5/OS

- Operating systems (supported with a 32-bit WebSphere Application Server):
 - i5/OS V5R4
 - i5/OS V6R1 (Container Managed Messaging not supported)
- Operating systems (supported with a 64-bit WebSphere Application Server):
 - i5/OS V5R4
 - i5/OS V6R1 (Container Managed Messaging not supported)
- Application server
 - WebSphere Application Server Network Deployment 6.1 Fix Pack 21 (or later Fix Pack)
- Java
 - J2SE 5.0 32 bit (Product 5722JV1 option 8) with latest PTF applied
 - Java Developer Kit 5.0 64bit (Product 5722JV1 option 7) with latest PTF applied
 - IBM Java Developer Kit 5.0 (64bit J9 JVM) (Product 5761JV1)

Note: The WebSphere-supplied Java 2 software development kit (SDK) is required for both the runtime environment and remote Java Clients.

- Databases
 - IBM Cloudscape 10.1
 - IBM DB2 for iSeries® 5.4
 - IBM DB2 for iSeries 6.1
- Java Database Connectivity (JDBC) drivers
 - Derby JDBC Provider (XA)
 - Derby Network Server using Derby Client Provider (XA)
 - IBM DB2 Universal JDBC Provider (XA) 2.8 (type 2)
 - IBM DB2 Universal JDBC Provider (XA) 2.8 (type 4)
 - IBM DB2 Universal JDBC Provider (XA) from DB2 z/OS (type 4)
 - IBM Application Connectivity to DB2 for z/OS Feature
 - IBM Toolbox (XA) for Java/JTOpen JDBC Driver 4.8 (type 4)
 - IBM OS/400® Native JDBC (XA) Driver
 - IBM Informix JDBC (XA) Driver 3.00 JC3 (type 4)
 - IBM Informix JDBC (XA) Driver 3.10 JC1 (type 4)
 - Oracle 9i JDBC (XA) Driver
 - Oracle 10g JDBC (XA) Driver
 - Oracle 11g JDBC (XA) Driver
 - IBM WebSphere embedded Connect JDBC (XA) 3.5 build 37 (type 4)
 - DataDirect Connect JDBC (XA) 3.5 build 37 (type 4)
 - Microsoft SQL Server JDBC Driver, Version 1.2
- LDAP servers (required only to support optional functions)
 - IBM Tivoli Directory Server 6.0
 - IBM Tivoli Directory Server 6.1
 - IBM Lotus Domino Enterprise Server 6.5.4
 - IBM Lotus Domino Enterprise Server 7.0
- Web servers
 - IBM HTTP Server for i5/OS
 - IBM Lotus Domino Enterprise Server 6.5.4
 - IBM Lotus Domino Enterprise Server 7.0
- JMS provider (required only to support optional functions)
 - WebSphere MQ 6.0.2 (any Fix Pack)
 - WebSphere MQ 7.0
 - WebSphere Application Server default messaging provider
- Clients (required only to support optional functions)
 - For WebSphere Process Server only:
 - WebSphere Process Server Client 6.1
 - WebSphere Process Server Client 6.1.2
 - WebSphere Process Server Client 6.2.0.(The WebSphere Process Server Client 6.2.0 can be installed on WebSphere Application Server 6.1 and supported on the same set of platforms supported by WebSphere Process Server 6.2.0. Customer applications using or based on the WebSphere Process Server Client 6.0.2, 6.1, or 6.1.2 and higher will work against WebSphere Process Server 6.2.0.)
- Business-to-business integration (required only to support optional functions): IBM Lotus Forms 3.0

- Tools and Utilities: IBM WebSphere Application Server Feature Pack for Web Services 6.1.0.21

Linux on x86 systems

- Operating systems (supported with a 32-bit WebSphere Application Server):
 - Red Hat Enterprise Linux (RHEL) 4.0 AS (Update 4 or later)
 - Red Hat Enterprise Linux (RHEL) 4.0 ES (Update 4 or later)
 - Red Hat Enterprise Linux (RHEL) 4.0 WS (Update 4 or later)
 - Red Hat Enterprise Linux (RHEL) 5.0 Advanced Platform (or Update 1 or later)
 - Red Hat Enterprise Linux (RHEL) 5.0 (or Update 1 or later)
 - Red Hat Enterprise Linux (RHEL) 5.0 Desktop (or Update 1 or later). Note: Red Hat Linux WS and Desktop are only for application design, development, and testing. They are not supported for production.
 - SUSE Linux Enterprise Server (SLES) 9.0 Service Pack 2, Service Pack 3 or later
 - SUSE Linux Enterprise Server (SLES) 10.0
 - Red Flag Data Center 5.0. Note: Support for Red Flag is available only through the IBM China support centers.
- Application server
 - WebSphere Application Server Network Deployment 6.1 Fix Pack 21 (or later Fix Pack)
 - WebSphere Extended Deployment 6.1, Fix Pack 1
- Java
 - IBM 32-bit SDK for Linux, Java 2 Technology Edition, 5.0 Service Refresh 7

Note: The WebSphere-supplied Java 2 software development kit (SDK) is required for both the runtime environment and remote Java Clients.

- Databases
 - Cloudscape 10.1
 - DB2 Enterprise Server Edition 8.2 Fix Pack 6 (or later Fix Pack)
 - DB2 Workgroup Server Edition 8.2 Fix Pack 6 (or later Fix Pack)
 - DB2 Enterprise Server Edition 9.1 (any Fix Pack)
 - DB2 Workgroup Server Edition 9.1 (any Fix Pack). (Business Process Choreographer can be configured to use Materialized Query Views; see Performance Optimization Feature Pack.)
 - DB2 Enterprise Server Edition for Linux, UNIX, and Windows 9.5 (any Fix Pack)
 - DB2 Workgroup Server Edition for Linux, UNIX, and Windows 9.5 (any Fix Pack). (Business Process Choreographer minimum requirement is DB2 9.5 Fix Pack 1. IBM DB2 Enterprise Server Edition for LUW 9.5 is only supported on 64-bit architectures.)
 - IBM Informix Dynamic Server 10.00 C5 (or later Fix Pack). (Not supported for Business Process Choreographer.)
 - Oracle 9i Enterprise Edition Release 2 - 9.2.0.7
 - Oracle 9i Standard Edition Release 2 - 9.2.0.7
 - Oracle 10g Enterprise Edition Release 1 - 10.1.0.4
 - Oracle 10g Standard Edition Release 1 - 10.1.0.4
 - Oracle 10g Enterprise Edition Release 2 - 10.2.0.2 (or later Fix Pack)
 - Oracle 10g Standard Edition Release 2 - 10.2.0.2 (or later Fix Pack)
 - Oracle 11g Enterprise Edition Release 1 - 11.1.0.6.0 (or later Fix Pack)
 - Oracle 11g Standard Edition Release 1 - 11.1.0.6.0 (or later Fix Pack). (Supports Oracle Real Application Cluster (RAC))
- Java Database Connectivity (JDBC) drivers
 - Derby JDBC Provider (XA)
 - Derby Network Server using Derby Client Provider (XA)

- DB2 Universal JDBC Provider (XA) 2.8 (type 2)
- DB2 Universal JDBC Provider (XA) 2.8 (type 4)
- DB2 Universal JDBC Provider (XA) from DB2 z/OS (type 4)
- Application Connectivity to DB2 for z/OS Feature
- Toolbox (XA) for Java/JTOpen JDBC Driver 4.8 (type 4)
- Informix JDBC (XA) Driver 3.00 JC3 (type 4)
- Informix JDBC (XA) Driver 3.10 JC1 (type 4)
- Oracle 9i JDBC (XA) Driver
- Oracle 10g JDBC (XA) Driver
- Oracle 11g JDBC (XA) Driver
- WebSphere embedded Connect JDBC (XA) 3.5 build 37 (type 4)
- DataDirect Connect JDBC (XA) 3.5 build 37 (type 4)
- Microsoft SQL Server JDBC Driver, Version 1.2
- LDAP servers (required only to support optional functions)
 - IBM Tivoli Directory Server 6.0
 - IBM Tivoli Directory Server 6.1
 - IBM Lotus Domino Enterprise Server 7.0
 - Novell eDirectory 8.7.3
 - Novell eDirectory 8.8 Service Pack 1
- Web servers
 - Apache HTTP Server 2.0.54
 - IBM HTTP Server for WebSphere Application Server 6.0.2
 - IBM HTTP Server for WebSphere Application Server 6.1
 - IBM Lotus Domino Enterprise Server 7.0
- Web browser - A Web browser is required for administration and configuration, sample program execution, and the launchpad. There is no restriction or certification of Web browsers on clients that connect to the server to display content.
 - Firefox 2.0
 - Firefox 3.0
 - Internet Explorer 6.0 Service Pack 1
 - Internet Explorer 7.0
 - Mozilla 1.7.13. Notes: The Business Space component of WebSphere Process Server is not supported on Mozilla 1.7.13.
- JMS provider (required only to support optional functions)
 - WebSphere MQ 6.0.2 (any Fix Pack)
 - WebSphere MQ 7.0
 - WebSphere Application Server default messaging provider
- Clients (required only to support optional functions) :
 - Message Service Client for C/C++ 1.2
 - For WebSphere Process Server only:
 - WebSphere Process Server Client 6.0.2
 - WebSphere Process Server Client 6.1
 - WebSphere Process Server Client 6.1.2
 - WebSphere Process Server Client 6.2.0. (The WebSphere Process Server Client 6.2.0 can be installed on WebSphere Application Server 6.1 and supported on the same set of platforms supported by WebSphere Process Server 6.2.0. Customer applications using or based on the WebSphere Process Server Client 6.0.2, 6.1, or 6.1.2 and higher will work against WebSphere Process Server 6.2.0.)

- Security (required only to support optional functions) -- IBM Tivoli Access Manager for e-Business 6.0
- Resource adapters (required only to support optional functions)
 - CICS Transaction Gateway 6.0
 - IMS Connector for Java 9.1.0.2
- Business-to-business integration (required only to support optional functions)
 - IBM Lotus Forms 3.0
 - WebSphere Transformation Extender 8.2
 - For WebSphere Process Server only:
 - WebSphere Partner Gateway Advanced Edition 6.1, 6.1.1
 - WebSphere Partner Gateway Advanced Edition 6.2
 - WebSphere Partner Gateway Enterprise Edition 6.1, 6.1.1
 - WebSphere Partner Gateway Enterprise Edition 6.2
- License use management (required only to support optional functions) IBM Tivoli License Manager 2.2
- Service Registries (required only to support optional functions) WebSphere Service Registry and Repository 6.2 Fix Pack 2. Note: Remote connection to earlier levels of WebSphere Service Registry and Repository is supported.
- Tools and utilities
 - WebSphere Application Server Feature Pack for Web Services 6.1.0.21
 - WebSphere Integration Developer 6.0.2
 - WebSphere Integration Developer 6.1
 - WebSphere Integration Developer 6.1.2
 - WebSphere Integration Developer 6.2

WebSphere Process Server 6.2 within WebSphere Integration Developer 6.2 Unit Test Environment on Windows 2003 (32-bit) supports Citrix XenApp 4.5 Advanced Edition, Citrix XenApp Client 10.200 for Windows, Citrix XenApp Clients for UNIX - Linux 10.6.

Linux on x86-64 systems

- Operating systems (supported with a 32-bit WebSphere Application Server)
 - Red Hat Enterprise Linux (RHEL) 4.0 AS (Update 4 or later)
 - Red Hat Enterprise Linux (RHEL) 4.0 ES (Update 4 or later)
 - Red Hat Enterprise Linux (RHEL) 5.0 Advanced Platform (or Update 1 or later)
 - Red Hat Enterprise Linux (RHEL) 5.0 (or Update 1 or later)
 - SUSE Linux Enterprise Server (SLES) 9.0 Service Pack 2, Service Pack 3 or later
 - SUSE Linux Enterprise Server (SLES) 10.0
- Operating systems (supported with a 64-bit WebSphere Application Server)
 - Red Hat Enterprise Linux (RHEL) 4.0 AS (Update 4 or later)
 - Red Hat Enterprise Linux (RHEL) 4.0 ES (Update 4 or later)
 - Red Hat Enterprise Linux (RHEL) 5.0 Advanced Platform (or Update 1 or later)
 - Red Hat Enterprise Linux (RHEL) 5.0 (or Update 1 or later)
 - SUSE Linux Enterprise Server (SLES) 9.0 Service Pack 2, Service Pack 3 or later
 - SUSE Linux Enterprise Server (SLES) 10.0
- Application server
 - WebSphere Application Server Network Deployment 6.1 Fix Pack 21 (or later Fix Pack)
 - WebSphere Extended Deployment 6.1, Fix Pack 1
- Java

- IBM 64-bit SDK for Linux, Java 2 Technology Edition, 5.0 Service Refresh 8

Note: The WebSphere-supplied Java 2 software development kit (SDK) is required for both the runtime environment and remote Java Clients.

- Databases
 - Cloudscape 10.1
 - DB2 Enterprise Server Edition 8.2 Fix Pack 6 (or later Fix Pack)
 - DB2 Workgroup Server Edition 8.2 Fix Pack 6 (or later Fix Pack)
 - DB2 Enterprise Server Edition 9.1 (any Fix Pack)
 - DB2 Workgroup Server Edition 9.1 (any Fix Pack). (Business Process Choreographer can be configured to use Materialized Query Views; see Performance Optimization Feature Pack.)
 - DB2 Enterprise Server Edition for Linux, UNIX, and Windows 9.5 (any Fix Pack)
 -
 - Oracle 10g Enterprise Edition Release 2 - 10.2.0.2 (or later Fix Pack)
 - Oracle 10g Standard Edition Release 2 - 10.2.0.2 (or later Fix Pack)
 - Oracle 11g Enterprise Edition Release 1 - 11.1.0.6.0 (or later Fix Pack)
 - Oracle 11g Standard Edition Release 1 - 11.1.0.6.0 (or later Fix Pack). Note: Supports Oracle Real Application Cluster (RAC).
- Java Database Connectivity (JDBC) drivers
 - Derby JDBC Provider (XA)
 - Derby Network Server using Derby Client Provider (XA)
 - DB2 Universal JDBC Provider (XA) 2.8 (type 2)
 - DB2 Universal JDBC Provider (XA) 2.8 (type 4)
 - DB2 Universal JDBC Provider (XA) from DB2 z/OS (type 4)
 - Application Connectivity to DB2 for z/OS Feature
 - Toolbox (XA) for Java/JTOpen JDBC Driver 4.8 (type 4)
 - Informix JDBC (XA) Driver 3.00 JC3 (type 4)
 - Informix JDBC (XA) Driver 3.10 JC1 (type 4)
 - Oracle 9i JDBC (XA) Driver
 - Oracle 10g JDBC (XA) Driver
 - Oracle 11g JDBC (XA) Driver
 - WebSphere embedded Connect JDBC (XA) 3.5 build 37 (type 4)
 - DataDirect Connect JDBC (XA) 3.5 build 37 (type 4)
 - Microsoft SQL Server JDBC Driver, Version 1.2
- LDAP servers (required only to support optional functions)
 - IBM Tivoli Directory Server 6.0
 - IBM Tivoli Directory Server 6.1
 - Novell eDirectory 8.7.3
 - Novell eDirectory 8.8 Service Pack 1
- Web servers
 - Apache HTTP Server 2.0.54
 - IBM HTTP Server for WebSphere Application Server 6.0.2
 - IBM HTTP Server for WebSphere Application Server 6.1
 - IBM Lotus Domino Enterprise Server 7.0
- Web browser. A Web browser is required for administration and configuration, sample program execution, and the launchpad. There is no restriction or certification of Web browsers on clients that connect to the server to display content.

- Firefox 2.0
- Firefox 3.0
- Mozilla 1.7.13. Note: The Business Space component of WebSphere Process Server is not supported on Mozilla 1.7.13.
- JMS provider (required only to support optional functions)
 - WebSphere MQ 6.0.2 (any Fix Pack)
 - WebSphere MQ 7.0
 - WebSphere Application Server default messaging provider
- Clients (required only to support optional functions)
 - Message Service Client for C/C++ 1.2
 - For WebSphere Process Server only:
 - WebSphere Process Server Client 6.0.2
 - WebSphere Process Server Client 6.1
 - WebSphere Process Server Client 6.1.2
 - WebSphere Process Server Client 6.2.0. (The WebSphere Process Server Client 6.2.0 can be installed on WebSphere Application Server 6.1 and supported on the same set of platforms supported by WebSphere Process Server 6.2.0. Customer applications using or based on the WebSphere Process Server Client 6.0.2, 6.1, or 6.1.2 and higher will work against WebSphere Process Server 6.2.0.)
- Security (required only to support optional functions) IBM Tivoli Access Manager for e-Business 6.0
- License use management (required only to support optional functions) IBM Tivoli License Manager 2.2.1
- Service registries (required only to support optional functions) WebSphere Service Registry and Repository 6.2 Fix Pack 2. Note: Remote connection to earlier levels of WebSphere Service Registry and Repository is supported.
- Tools and utilities: WebSphere Application Server Feature Pack for Web Services 6.1.0.21

Linux on POWER systems

- Operating systems (supported with a 32-bit WebSphere Application Server):
 - Red Hat Enterprise Linux (RHEL) 4.0 AS (Update 4 or later)
 - Red Hat Enterprise Linux (RHEL) 5.0 AS (or Update 1 or later)
 - SUSE Linux Enterprise Server (SLES) 9.0 Service Pack 2, Service Pack 3 or later
 - SUSE Linux Enterprise Server (SLES) 10.0
- Operating systems (supported with a 64-bit WebSphere Application Server)
 - Red Hat Enterprise Linux (RHEL) 4.0 AS (Update 4 or later)
 - Red Hat Enterprise Linux (RHEL) 5.0 AS (or Update 1 or later)
 - SUSE Linux Enterprise Server (SLES) 9.0 Service Pack 2, Service Pack 3 or later
 - SUSE Linux Enterprise Server (SLES) 10.0
- Application server
 - WebSphere Application Server Network Deployment 6.1 Fix Pack 21 (or later Fix Pack)
 - WebSphere Extended Deployment 6.1, Fix Pack 1
- Java
 - IBM 32-bit SDK for Linux, Java 2 Technology Edition, 5.0 Service Refresh 8
 - IBM 64-bit SDK for Linux, Java 2 Technology Edition, 5.0 Service Refresh 8
- **Note:** The WebSphere-supplied Java 2 software development kit (SDK) is required for both the runtime environment and remote Java clients.
- Databases

- Cloudscape 10.1
- DB2 Enterprise Server Edition 8.2 Fix Pack 6 (or later Fix Pack)
- DB2 Workgroup Server Edition 8.2 Fix Pack 6 (or later Fix Pack)
- DB2 Enterprise Server Edition 9.1 (any Fix Pack)
- DB2 Workgroup Server Edition 9.1 (any Fix Pack). Note: Business Process Choreographer can be configured to use Materialized Query Views; see Performance Optimization Feature Pack.
- DB2 Enterprise Server Edition for Linux, UNIX, and Windows 9.5 (any Fix Pack)
- DB2 Workgroup Server Edition for Linux, UNIX, and Windows 9.5 (any Fix Pack). (Business Process Choreographer minimum requirement is DB2 9.5 Fix Pack 1. IBM DB2 Enterprise Server Edition for LUW 9.5 is only supported on 64-bit architectures.)
- Informix Dynamic Server 10.00 C5 (or later Fix Pack). Note: Not supported for Business Process Choreographer.
- Oracle 9i Enterprise Edition Release 2 - 9.2.0.7
- Oracle 9i Standard Edition Release 2 - 9.2.0.7
- Oracle 10g Enterprise Edition Release 1 - 10.1.0.4
- Oracle 10g Standard Edition Release 1 - 10.1.0.4
- Oracle 10g Enterprise Edition Release 2 - 10.2.0.2 (or later Fix Pack)
- Oracle 10g Standard Edition Release 2 - 10.2.0.2 (or later Fix Pack)
- Oracle 11g Enterprise Edition Release 1 - 11.1.0.6.0 (or later Fix Pack)
- Oracle 11g Standard Edition Release 1 - 11.1.0.6.0 (or later Fix Pack). (Supports Oracle Real Application Cluster (RAC))
- Java Database Connectivity (JDBC) drivers
 - Derby JDBC Provider (XA)
 - Derby Network Server using Derby Client Provider (XA)
 - DB2 Universal JDBC Provider (XA) 2.8 (type 2)
 - DB2 Universal JDBC Provider (XA) 2.8 (type 4)
 - DB2 Universal JDBC Provider (XA) from DB2 z/OS (type 4)
 - Application Connectivity to DB2 for z/OS Feature
 - Toolbox (XA) for Java/JTOpen JDBC Driver 4.8 (type 4)
 - Informix JDBC (XA) Driver 3.00 JC3 (type 4)
 - I Informix JDBC (XA) Driver 3.10 JC1 (type 4)
 - Oracle 9i JDBC (XA) Driver
 - Oracle 10g JDBC (XA) Driver
 - Oracle 11g JDBC (XA) Driver
 - WebSphere embedded Connect JDBC (XA) 3.5 build 37 (type 4)
 - DataDirect Connect JDBC (XA) 3.5 build 37 (type 4)
 - Microsoft SQL Server JDBC Driver, Version 1.2
- LDAP servers (required only to support optional functions)
 - IBM Tivoli Directory Server 6.0
 - IBM Tivoli Directory Server 6.1
- Web servers
 - Apache HTTP Server 2.0.54
 - IBM HTTP Server for WebSphere Application Server 6.0.2
 - IBM HTTP Server for WebSphere Application Server 6.1
- Web browser. A Web browser is required for administration and configuration, sample program execution, and the launchpad. There is no restriction or certification of Web browsers on clients that connect to the server to display content.
 - Firefox 2.0

- Firefox 3.0
- Mozilla 1.7.13.(The Business Space component of WebSphere Process Server is not supported on Mozilla 1.7.13.)
- JMS provider (required only to support optional functions)
 - WebSphere MQ 6.0.2 (any Fix Pack)
 - WebSphere MQ 7.0
 - WebSphere Application Server default messaging provider
- Clients (required only to support optional functions)
 - For WebSphere Process Server only:
 - WebSphere Process Server Client 6.0.2
 - WebSphere Process Server Client 6.1
 - WebSphere Process Server Client 6.1.2
 - WebSphere Process Server Client 6.2.0. (The WebSphere Process Server Client 6.2.0 can be installed on WebSphere Application Server 6.1 and supported on the same set of platforms supported by WebSphere Process Server 6.2.0. Customer applications using or based on the WebSphere Process Server Client 6.0.2, 6.1, or 6.1.2 and higher will work against WebSphere Process Server 6.2.0.)
- Security (required only to support optional functions)
 - IBM Tivoli Access Manager for e-Business 6.0
 - IBM Tivoli Access Manager for e-Business 6.1
- Resource adapters (required only to support optional functions)
 - CICS Transaction Gateway 6.0
 - IMS Connector for Java 9.1.0.2
- Business-to-business integration (required only to support optional functions)
 - For WebSphere Process Server only:
 - WebSphere Partner Gateway Advanced Edition 6.1, 6.1.1
 - WebSphere Partner Gateway Advanced Edition 6.2
 - WebSphere Partner Gateway Enterprise Edition 6.1, 6.1.1
 - WebSphere Partner Gateway Enterprise Edition 6.2
- License use management (required only to support optional functions) IBM Tivoli License Manager 2.2
- Service registries (required only to support optional functions) WebSphere Service Registry and Repository 6.2 Fix Pack 2. Note: Remote connection to earlier levels of WebSphere Service Registry and Repository is supported.
- Tools and utilities: WebSphere Application Server Feature Pack for Web Services 6.1.0.21

Linux on System z systems

- Operating systems (supported with a 31-bit WebSphere Application Server)
 - Red Hat Enterprise Linux (RHEL) 4.0 AS (Update 4 or later) (64-bit kernel support only)
 - Red Hat Enterprise Linux (RHEL) 5.0 Advanced Platform (or Update 1 or later) (64-bit kernel support only)
 - SUSE Linux Enterprise Server (SLES) 9.0 Service Pack 2, Service Pack 3 or later (64-bit kernel support only)
 - SUSE Linux Enterprise Server (SLES) 10.0 (64-bit kernel support only)
- Operating systems (supported with a 64-bit WebSphere Application Server)
 - Red Hat Enterprise Linux (RHEL) 4.0 AS (Update 4 or later) (64-bit kernel support only)
 - Red Hat Enterprise Linux (RHEL) 5.0 Advanced Platform (or Update 1 or later) (64-bit kernel support only)
 - SUSE Linux Enterprise Server (SLES) 9.0 Service Pack 2, Service Pack 3 or later (64-bit kernel support only)

- SUSE Linux Enterprise Server (SLES) 10.0 (64-bit kernel support only)
- Application server
 - WebSphere Application Server Network Deployment 6.1 Fix Pack 21 (or later Fix Pack)
 - WebSphere Extended Deployment 6.1, Fix Pack 1
- Java
 - IBM 31-bit SDK for Linux, Java 2 Technology Edition, 5.0 Service Refresh 8
 - IBM 64-bit SDK for Linux, Java 2 Technology Edition, 5.0 Service Refresh 8

Note: The WebSphere-supplied Java 2 software development kit (SDK) is required for both the runtime environment and remote Java Clients.

- Databases
 - Cloudscape 10.1
 - DB2 Enterprise Server Edition 8.2 Fix Pack 6 (or later Fix Pack)
 - DB2 Workgroup Server Edition 8.2 Fix Pack 6 (or later Fix Pack)
 - DB2 Enterprise Server Edition 9.1 (any Fix Pack)
 - DB2 Workgroup Server Edition 9.1 (any Fix Pack). Note: Business Process Choreographer can be configured to use Materialized Query Views; see Performance Optimization Feature Pack.
 - DB2 Enterprise Server Edition for Linux, UNIX, and Windows 9.5 (any Fix Pack)
 - DB2 Workgroup Server Edition for Linux, UNIX, and Windows 9.5 (any Fix Pack). (Business Process Choreographer minimum requirement is DB2 9.5 Fix Pack 1. IBM DB2 Enterprise Server Edition for LUW 9.5 is only supported on 64-bit architectures.)
 - IBM Informix Dynamic Server 10.00 C5 (or later Fix Pack). (Not supported for Business Process Choreographer.)
 - Oracle 9i Enterprise Edition Release 2 - 9.2.0.7
 - Oracle 9i Standard Edition Release 2 - 9.2.0.7
 - Oracle 10g Enterprise Edition Release 1 - 10.1.0.4
 - Oracle 10g Standard Edition Release 1 - 10.1.0.4
 - Oracle 10g Enterprise Edition Release 2 - 10.2.0.2 (or later Fix Pack)
 - Oracle 10g Standard Edition Release 2 - 10.2.0.2 (or later Fix Pack)
 - Oracle 11g Enterprise Edition Release 1 - 11.1.0.6.0 (or later Fix Pack)
 - Oracle 11g Standard Edition Release 1 - 11.1.0.6.0 (or later Fix Pack). Note: Supports Oracle Real Application Cluster (RAC).
- Java Database Connectivity (JDBC) drivers
 - Derby JDBC Provider (XA)
 - Derby Network Server using Derby Client Provider (XA)
 - DB2 Universal JDBC Provider (XA) 2.8 (type 2)
 - DB2 Universal JDBC Provider (XA) 2.8 (type 4)
 - DB2 Universal JDBC Provider (XA) from DB2 z/OS (type 4)
 - Application Connectivity to DB2 for z/OS Feature
 - Toolbox (XA) for Java/JTOpen JDBC Driver 4.8 (type 4)
 - I Informix JDBC (XA) Driver 3.00 JC3 (type 4)
 - Informix JDBC (XA) Driver 3.10 JC1 (type 4)
 - Oracle 9i JDBC (XA) Driver
 - Oracle 10g JDBC (XA) Driver
 - Oracle 11g JDBC (XA) Driver
 - WebSphere embedded Connect JDBC (XA) 3.5 build 37 (type 4)
 - DataDirect Connect JDBC (XA) 3.5 build 37 (type 4)
 - Microsoft SQL Server JDBC Driver, Version 1.2

- LDAP servers (required only to support optional functions)
 - IBM Tivoli Directory Server 6.0
 - IBM Tivoli Directory Server 6.1
- Web servers
 - Apache HTTP Server 2.0.54
 - IBM HTTP Server for WebSphere Application Server 6.0.2
 - IBM HTTP Server for WebSphere Application Server 6.1
- Web browser. A Web browser is required for administration and configuration, sample program execution, and the launchpad. There is no restriction or certification of Web browsers on clients that connect to the server to display content.
 - Firefox 2.0
 - Firefox 3.0
 - Mozilla 1.7.13. Note: The Business Space component of WebSphere Process Server is not supported on Mozilla 1.7.13.
- JMS provider (required only to support optional functions)
 - WebSphere MQ 6.0.2 (any Fix Pack)
 - WebSphere MQ 7.0
 - WebSphere Application Server default messaging provider
- Clients (required only to support optional functions)
 - For WebSphere Process Server only:
 - WebSphere Process Server Client 6.0.2
 - WebSphere Process Server Client 6.1
 - WebSphere Process Server Client 6.1.2
 - WebSphere Process Server Client 6.2.0. (The WebSphere Process Server Client 6.2.0 can be installed on WebSphere Application Server 6.1 and supported on the same set of platforms supported by WebSphere Process Server 6.2.0. Customer applications using or based on the WebSphere Process Server Client 6.0.2, 6.1, or 6.1.2 and higher will work against WebSphere Process Server 6.2.0.)
- Security (required only to support optional functions) IBM Tivoli Access Manager for e-Business 6.0
- Resource adapters (required only to support optional functions)
 - CICS Transaction Gateway 6.0
 - IMS Connector for Java 9.1.0.2
- Business-to-business integration (required only for optional functions)
 - For WebSphere Process Server only:
 - WebSphere Partner Gateway Advanced Edition 6.1, 6.1.1
 - WebSphere Partner Gateway Advanced Edition 6.2
 - WebSphere Partner Gateway Enterprise Edition 6.1, 6.1.1
 - WebSphere Partner Gateway Enterprise Edition 6.2
- License use management (required only to support optional functions) IBM Tivoli License Manager 2.2
- Tools and utilities: WebSphere Application Server Feature Pack for Web Services 6.1.0.21

Solaris on SPARC systems

- Operating systems (supported with a 32-bit WebSphere Application Server):
 - Sun Solaris 9 with the latest Patch Cluster (32 and 64-bit kernel support)
 - Sun Solaris 10 with the latest Patch Cluster (32-bit and 64-bit kernel support)
- Operating systems (supported with a 64-bit WebSphere Application Server): Sun Solaris 10 with the latest Patch Cluster (64-bit kernel support)
- Application server
 - WebSphere Application Server Network Deployment 6.1 Fix Pack 21 (or later Fix Pack)
 - WebSphere Extended Deployment 6.1, Fix Pack 1
- Java
 - IBM 32-bit SDK for Solaris, Java 2 Technology Edition, 5.0 Service Refresh 8
 - IBM 64-bit SDK for Solaris, Java 2 Technology Edition, 5.0 Service Refresh 8

Note: The WebSphere-supplied Java 2 software development kit (SDK) is required for both the runtime environment and remote Java Clients.

- Databases
 - Cloudscape 10.1
 - DB2 Enterprise Server Edition 8.2 Fix Pack 6 (or later Fix Pack)
 - DB2 Workgroup Server Edition 8.2 Fix Pack 6 (or later Fix Pack)
 - DB2 Enterprise Server Edition 9.1 (any Fix Pack)
 - DB2 Workgroup Server Edition 9.1 (any Fix Pack). Note: Business Process Choreographer can be configured to use Materialized Query Views; see Performance Optimization Feature Pack.
 - DB2 Enterprise Server Edition for Linux, UNIX, and Windows 9.5 (any Fix Pack)
 - DB2 Workgroup Server Edition for Linux, UNIX, and Windows 9.5 (any Fix Pack). (Business Process Choreographer minimum requirement is DB2 9.5 Fix Pack 1. IBM DB2 Enterprise Server Edition for LUW 9.5 is only supported on 64-bit architectures.)
 - Informix Dynamic Server 10.00 C5 (or later Fix Pack). (Not supported for Business Process Choreographer.)
 - Oracle 9i Enterprise Edition Release 2 - 9.2.0.7
 - Oracle 9i Standard Edition Release 2 - 9.2.0.7
 - Oracle 10g Enterprise Edition Release 1 - 10.1.0.4
 - Oracle 10g Standard Edition Release 1 - 10.1.0.4
 - Oracle 10g Enterprise Edition Release 2 - 10.2.0.2 (or later Fix Pack)
 - Oracle 10g Standard Edition Release 2 - 10.2.0.2 (or later Fix Pack)
 - Oracle 11g Enterprise Edition Release 1 - 11.1.0.6.0 (or later Fix Pack)
 - Oracle 11g Standard Edition Release 1 - 11.1.0.6.0 (or later Fix Pack). (Supports Oracle Real Application Cluster (RAC))
- Java Database Connectivity (JDBC) drivers
 - Derby JDBC Provider (XA)
 - Derby Network Server using Derby Client Provider (XA)
 - DB2 Universal JDBC Provider (XA) 2.8 (type 2)
 - DB2 Universal JDBC Provider (XA) 2.8 (type 4)
 - DB2 Universal JDBC Provider (XA) from DB2 z/OS (type 4)
 - Application Connectivity to DB2 for z/OS Feature
 - Toolbox (XA) for Java/JTOpen JDBC Driver 4.8 (type 4)
 - Informix JDBC (XA) Driver 3.00 JC3 (type 4)
 - Informix JDBC (XA) Driver 3.10 JC1 (type 4)
 - Oracle 9i JDBC (XA) Driver

- Oracle 10g JDBC (XA) Driver
- Oracle 11g JDBC (XA) Driver
- WebSphere embedded Connect JDBC (XA) 3.5 build 37 (type 4)
- DataDirect Connect JDBC (XA) 3.5 build 37 (type 4)
- Microsoft SQL Server JDBC Driver, Version 1.2
- LDAP servers (required only to support optional functions)
 - IBM Tivoli Directory Server 6.0
 - IBM Tivoli Directory Server 6.1
 - IBM Lotus Domino Enterprise Server 6.5.4
 - IBM Lotus Domino Enterprise Server 7.0
 - Novell eDirectory 8.7.3
 - Novell eDirectory 8.8 Service Pack 1
 - Sun ONE Directory Server 5.1 Service Pack 4
 - Sun ONE Directory Server 5.2
 - OpenLDAP 2.2.17 Build 20040923
- Web servers
 - Apache HTTP Server 2.0.54
 - IBM HTTP Server for WebSphere Application Server 6.0.2
 - IBM HTTP Server for WebSphere Application Server 6.1
 - IBM Lotus Domino Enterprise Server 6.5.4
 - IBM Lotus Domino Enterprise Server 7.0
 - Sun Java System Web Server 6.1 Service Pack 3
- Web browser: Mozilla 1.7.13. (The Business Space component of WebSphere Process Server is not supported on Mozilla 1.7.13. A Web browser is required for administration and configuration, sample program execution, and the launchpad. There is no restriction or certification of Web browsers on clients that connect to the server to display content.)
- JMS provider (required only to support optional functions)
 - WebSphere MQ 6.0.2 (any Fix Pack)
 - WebSphere MQ 7.0
 - WebSphere Application Server default messaging provider
- Clients (required only to support optional functions)
 - IBM Message Service Client for C/C++ 1.2
 - For WebSphere Process Server only:
 - WebSphere Process Server Client 6.0.2
 - WebSphere Process Server Client 6.1
 - WebSphere Process Server Client 6.1.2
 - WebSphere Process Server Client 6.2.0. (The WebSphere Process Server Client 6.2.0 can be installed on WebSphere Application Server 6.1 and supported on the same set of platforms supported by WebSphere Process Server 6.2.0. Customer applications using or based on the WebSphere Process Server Client 6.0.2, 6.1, or 6.1.2 and higher will work against WebSphere Process Server 6.2.0.)
- Security (required only to support optional functions) IBM Tivoli Access Manager for e-Business 6.0
- Resource Adapters (required only to support optional functions)
 - CICS Transaction Gateway 6.0
 - IMS Connector for Java 9.1.0.2
- Business-to-business integration (required only to support optional functions)
 - IBM Lotus Forms 3.0

- WebSphere Transformation Extender 8.2
- For WebSphere Process Server only:
 - WebSphere Partner Gateway Advanced Edition 6.1, 6.1.1
 - WebSphere Partner Gateway Advanced Edition 6.2
 - WebSphere Partner Gateway Enterprise Edition 6.1, 6.1.1
 - WebSphere Partner Gateway Enterprise Edition 6.2
- License use management (required only to support optional functions) IBM Tivoli License Manager 2.2
- Service Registries (required only to support optional functions) WebSphere Service Registry and Repository 6.2 Fix Pack 2. (Remote connections to earlier levels of WebSphere Service Registry and Repository are supported.)
- Tools and utilities: WebSphere Application Server Feature Pack for Web Services 6.1.0.21

Solaris on x86-64 systems

- Operating systems (supported with a 64-bit WebSphere Application Server): Sun Solaris 10 with the latest Patch Cluster (64-bit kernel support)
- Application Server: WebSphere Application Server Network Deployment 6.1 Fix Pack 21 (or later Fix Pack)
- Java: IBM 64-bit SDK for Solaris, Java 2 Technology Edition, 5.0 Service Refresh 8

Note: The WebSphere-supplied Java 2 software development kit (SDK) is required for both the runtime environment and remote Java Clients.

- Databases:
 - Cloudscape 10.1
 - DB2 Enterprise Server Edition 8.2 Fix Pack 6 (or later Fix Pack)
 - DB2 Workgroup Server Edition 8.2 Fix Pack 6 (or later Fix Pack)
 - DB2 Enterprise Server Edition 9.1 (any Fix Pack)
 - DB2 Workgroup Server Edition 9.1 (any Fix Pack). Note: Business Process Choreographer can be configured to use Materialized Query Views; see Performance Optimization Feature Pack.
 - DB2 Enterprise Server Edition for Linux, UNIX, and Windows 9.5 (any Fix Pack)
 - DB2 Workgroup Server Edition for Linux, UNIX, and Windows 9.5 (any Fix Pack). (Business Process Choreographer minimum requirement is DB2 9.5 Fix Pack 1. IBM DB2 Enterprise Server Edition for LUW 9.5 is only supported on 64-bit architectures.)
 - Oracle 10g Enterprise Edition Release 1 - 10.1.0.4
 - Oracle 10g Standard Edition Release 1 - 10.1.0.4
 - Oracle 10g Enterprise Edition Release 2 - 10.2.0.2 (or later Fix Pack)
 - Oracle 10g Standard Edition Release 2 - 10.2.0.2 (or later Fix Pack)
 - Oracle 11g Enterprise Edition Release 1 - 11.1.0.6.0 (or later Fix Pack)
 - Oracle 11g Standard Edition Release 1 - 11.1.0.6.0 (or later Fix Pack). Note: Supports Oracle Real Application Cluster (RAC).
- Java Database Connectivity (JDBC) drivers
 - Derby JDBC Provider (XA)
 - Derby Network Server using Derby Client Provider (XA)
 - DB2 Universal JDBC Provider (XA) 2.8 (type 2)
 - DB2 Universal JDBC Provider (XA) 2.8 (type 4)
 - DB2 Universal JDBC Provider (XA) from DB2 z/OS (type 4)
 - Application Connectivity to DB2 for z/OS Feature
 - Toolbox (XA) for Java/JTOpen JDBC Driver 4.8 (type 4)
 - Informix JDBC (XA) Driver 3.00 JC3 (type 4)
 - Informix JDBC (XA) Driver 3.10 JC1 (type 4)

- Oracle 9i JDBC (XA) Driver
- Oracle 10g JDBC (XA) Driver
- Oracle 11g JDBC (XA) Driver
- WebSphere embedded Connect JDBC (XA) 3.5 build 37 (type 4)
- DataDirect Connect JDBC (XA) 3.5 build 37 (type 4)
- Microsoft SQL Server JDBC Driver, Version 1.2
- LDAP servers (required only to support optional functions)
 - IBM Tivoli Directory Server 6.0
 - IBM Tivoli Directory Server 6.1
 - OpenLDAP 2.2.17 Build 20040923
- Web servers
 - Apache HTTP Server 2.0.54
 - IBM HTTP Server for WebSphere Application Server 6.0.2
 - IBM HTTP Server for WebSphere Application Server 6.1
- Web browser: Mozilla 1.7.13. Notes: The Business Space component of WebSphere Process Server is not supported on Mozilla. 1.7.13. A Web browser is required for administration and configuration, sample program execution, and the launchpad. There is no restriction or certification of Web browsers on clients that connect to the server to display content.
- JMS provider (required only to support optional functions)
 - WebSphere MQ 6.0.2 (any Fix Pack)
 - WebSphere MQ 7.0
 - WebSphere Application Server default messaging provider
- Clients (required only to support optional functions)
 - For WebSphere Process Server only:
 - WebSphere Process Server Client 6.0.2
 - WebSphere Process Server Client 6.1
 - WebSphere Process Server Client 6.1.2
 - WebSphere Process Server Client 6.2.0.(The WebSphere Process Server Client 6.2.0 can be installed on WebSphere Application Server 6.1 and supported on the same set of platforms supported by WebSphere Process Server 6.2.0. Customer applications using or based on the WebSphere Process Server Client 6.0.2, 6.1, or 6.1.2 and higher will work against WebSphere Process Server 6.2.0.)
- Security (required only to support optional functions) IBM Tivoli Access Manager for e-Business 6.0
- License use management (required only to support optional functions) IBM Tivoli License Manager 2.2.1
- Tools and utilities: WebSphere Application Server Feature Pack for Web Services 6.1.0.21

Windows on x86 systems

- Operating systems (supported with a 32-bit WebSphere Application Server):
 - Microsoft Windows Server 2003 Datacenter Edition Service Pack 1, Service Pack 2
 - Microsoft Windows Server 2003 Enterprise Edition Service Pack 1, Service Pack 2
 - Microsoft Windows Server 2003 Standard Edition Service Pack 1, Service Pack 2
 - Microsoft Windows Server 2008 Datacenter Edition
 - Microsoft Windows Server 2008 Standard Edition
 - Microsoft Windows Server 2008 Enterprise Edition
 - Microsoft Windows XP Professional Service Pack 2
 - Microsoft Vista Business
 - Microsoft Vista Enterprise

- Microsoft Vista Ultimate Note: Microsoft Windows XP Professional, Vista Business, Vista Enterprise, and Vista Ultimate are supported only for application design, development, and testing. They are not supported for production.
- Application server
 - WebSphere Application Server Network Deployment 6.1 Fix Pack 21 (or later Fix Pack)
 - WebSphere Extended Deployment 6.1, Fix Pack 1
- Java: IBM 32-bit SDK for Windows, Java 2 Technology Edition, 5.0 Service Refresh 8

Note: The WebSphere-supplied Java 2 software development kit (SDK) is required for both the runtime environment and remote Java Clients.
- Databases
 - Cloudscape 10.1
 - DB2 Enterprise Server Edition 8.2 Fix Pack 6 (or later Fix Pack)
 - DB2 Workgroup Server Edition 8.2 Fix Pack 6 (or later Fix Pack)
 - DB2 Enterprise Server Edition 9.1 (any Fix Pack)
 - DB2 Workgroup Server Edition 9.1 (any Fix Pack). Note: Business Process Choreographer can be configured to use Materialized Query Views; see Performance Optimization Feature Pack.
 - DB2 Enterprise Server Edition for Linux, UNIX, and Windows 9.5 (any Fix Pack)
 - DB2 Workgroup Server Edition for Linux, UNIX, and Windows 9.5 (any Fix Pack). Notes: Business Process Choreographer minimum requirement is DB2 9.5 Fix Pack 1. IBM DB2 Enterprise Server Edition for LUW 9.5 is only supported on 64-bit architectures.
 - Informix Dynamic Server 10.00 C5 (or later Fix Pack). Note: Not supported for Business Process Choreographer.
 - Oracle 9i Enterprise Edition Release 2 - 9.2.0.7
 - Oracle 9i Standard Edition Release 2 - 9.2.0.7
 - Oracle 10g Enterprise Edition Release 1 - 10.1.0.4
 - Oracle 10g Standard Edition Release 1 - 10.1.0.4
 - Oracle 10g Enterprise Edition Release 2 - 10.2.0.2 (or later Fix Pack)
 - Oracle 10g Standard Edition Release 2 - 10.2.0.2 (or later Fix Pack)
 - Oracle 11g Enterprise Edition Release 1 - 11.1.0.6.0 (or later Fix Pack)
 - Oracle 11g Standard Edition Release 1 - 11.1.0.6.0 (or later Fix Pack). Note: Supports Oracle Real Application Cluster (RAC).
 - Microsoft SQL Server Enterprise 2000 Service Pack 4
 - Microsoft SQL Server Enterprise 2005 Note: Not supported for the reporting function in Business Process Choreographer.
- Java Database Connectivity (JDBC) drivers
 - Derby JDBC Provider (XA)
 - Derby Network Server using Derby Client Provider (XA)
 - DB2 Universal JDBC Provider (XA) 2.8 (type 2)
 - DB2 Universal JDBC Provider (XA) 2.8 (type 4)
 - DB2 Universal JDBC Provider (XA) from DB2 z/OS (type 4)
 - Application Connectivity to DB2 for z/OS Feature
 - Toolbox (XA) for Java/JTOpen JDBC Driver 4.8 (type 4)
 - Informix JDBC (XA) Driver 3.00 JC3 (type 4)
 - Informix JDBC (XA) Driver 3.10 JC1 (type 4)
 - Oracle 9i JDBC (XA) Driver
 - Oracle 10g JDBC (XA) Driver
 - Oracle 11g JDBC (XA) Driver
 - WebSphere embedded Connect JDBC (XA) 3.5 build 37 (type 4)
 - DataDirect Connect JDBC (XA) 3.5 build 37 (type 4)

- Microsoft SQL Server JDBC Driver, Version 1.2
- LDAP servers (required only to support optional functions)
 - IBM Tivoli Directory Server 6.0
 - IBM Tivoli Directory Server 6.1
 - IBM Lotus Domino Enterprise Server 6.5.4
 - IBM Lotus Domino Enterprise Server 7.0
 - Novell eDirectory 8.7.3
 - Novell eDirectory 8.8 Service Pack 1
 - Sun ONE Directory Server 5.2
 - Microsoft Windows Active Directory 2003
 - Microsoft Windows Active Directory Applications Mode 1.0 on Windows 2003
 - OpenLDAP 2.2.17 Build 20040923
- Web servers
 - Apache HTTP Server 2.0.54
 - Internet Information Services 6.0
 - IBM Lotus Domino Enterprise Server 6.5.4
 - IBM Lotus Domino Enterprise Server 7.0
 - Sun Java System Web Server 6.1 Service Pack 3
- Web browser
 - Mozilla 1.7.13. Notes: The Business Space component of WebSphere Process Server is not supported on Mozilla 1.7.13. A Web browser is required for administration and configuration, sample program execution, and the launchpad. There is no restriction or certification of Web browsers on clients that connect to the server to display content.
 - Firefox 2.0
 - Firefox 3.0
 - Internet Explorer 6.0 Service Pack 1
 - Internet Explorer 7.0
- JMS provider (required only to support optional functions)
 - WebSphere MQ 6.0.2 (any Fix Pack)
 - WebSphere MQ 7.0
 - WebSphere Application Server default messaging provider
- Clients (required only to support optional functions)
 - Message Service Client for C/C++ 1.2
 - Message Service Client for .NET 1.2
 - For WebSphere Process Server only:
 - WebSphere Process Server Client 6.0.2
 - WebSphere Process Server Client 6.1
 - WebSphere Process Server Client 6.1.2
 - WebSphere Process Server Client 6.2.0. (The WebSphere Process Server Client 6.2.0 can be installed on WebSphere Application Server 6.1 and supported on the same set of platforms supported by WebSphere Process Server 6.2.0. Customer applications using or based on the WebSphere Process Server Client 6.0.2, 6.1, or 6.1.2 and higher will work against WebSphere Process Server 6.2.0.)
- Security (required only to support optional functions) IBM Tivoli Access Manager for e-Business 6.0
- Resource adapters (required only to support optional functions) :
 - CICS Transaction Gateway 6.0
 - IMS Connector for Java 9.1.0.2

- Business-to-business integration (required only to support optional functions)
 - IBM Lotus Forms 3.0
 - WebSphere Transformation Extender 8.2
 - For WebSphere Process Server only:
 - WebSphere Partner Gateway Advanced Edition 6.1, 6.1.1
 - WebSphere Partner Gateway Advanced Edition 6.2
 - WebSphere Partner Gateway Enterprise Edition 6.1, 6.1.1
 - WebSphere Partner Gateway Enterprise Edition 6.2
- License use management (required only to support optional functions) IBM Tivoli License Manager 2.2
- Service Registries (required only to support optional functions) WebSphere Service Registry and Repository 6.2 Fix Pack 2. Note: Remote connections to earlier levels of WebSphere Service Registry and Repository are supported.
- Tools and Utilities: WebSphere Application Server Feature Pack for Web Services 6.1.0.21
- WebSphere Integration Developer 6.0.2
- WebSphere Integration Developer 6.1
- WebSphere Integration Developer 6.1.2
- WebSphere Integration Developer 6.2. (WebSphere Process Server 6.2 within WebSphere Integration Developer 6.2 Unit Test Environment on Windows 2003 (32-bit) supports Citrix XenApp 4.5 Advanced Edition, Citrix XenApp Client 10.200 for Windows, Citrix XenApp Clients for UNIX - Linux 10.6.)

Windows on x86-64 systems

- Operating systems (supported with a 64-bit WebSphere Application Server)
 - Microsoft Windows Server 2003 R2 Datacenter x64 Edition
 - Microsoft Windows Server 2003 R2 Enterprise x64 Edition
 - Microsoft Windows Server 2003 R2 Standard x64 Edition
 - Microsoft Windows Server 2008 Datacenter Edition
 - Microsoft Windows Server 2008 Standard Edition
 - Microsoft Windows Server 2008 Enterprise Edition
- Application server
 - WebSphere Application Server Network Deployment 6.1 Fix Pack 21 (or later Fix Pack)
 - WebSphere Extended Deployment 6.1, Fix Pack 1
- Java: IBM 32-bit SDK for Windows, Java 2 Technology Edition, 5.0 Service Refresh 8

Note: The WebSphere-supplied Java 2 software development kit (SDK) is required for both the runtime environment and remote Java Clients.
- Databases
 - Cloudscape 10.1
 - DB2 Enterprise Server Edition 8.2 Fix Pack 6 (or later Fix Pack)
 - DB2 Workgroup Server Edition 8.2 Fix Pack 6 (or later Fix Pack)
 - DB2 Enterprise Server Edition 9.1 (any Fix Pack)
 - DB2 Workgroup Server Edition 9.1 (any Fix Pack). Note: Business Process Choreographer can be configured to use Materialized Query Views; see Performance Optimization Feature Pack.
 - DB2 Enterprise Server Edition for Linux, UNIX, and Windows 9.5 (any Fix Pack)
 - DB2 Workgroup Server Edition for Linux, UNIX, and Windows 9.5 (any Fix Pack). (Business Process Choreographer minimum requirement is DB2 9.5 Fix Pack 1. IBM DB2 Enterprise Server Edition for LUW 9.5 is only supported on 64-bit architectures.)
 - Informix Dynamic Server 10.00 C5 (or later Fix Pack). (Not supported for the reporting function in Business Process Choreographer.)

- Oracle 9i Enterprise Edition Release 2 - 9.2.0.7
- Oracle 9i Standard Edition Release 2 - 9.2.0.7
- Oracle 10g Enterprise Edition Release 1 - 10.1.0.4
- Oracle 10g Standard Edition Release 1 - 10.1.0.4
- Oracle 10g Enterprise Edition Release 2 - 10.2.0.2 (or later Fix Pack)
- Oracle 10g Standard Edition Release 2 - 10.2.0.2 (or later Fix Pack)
- Oracle 11g Enterprise Edition Release 1 - 11.1.0.6.0 (or later Fix Pack)
- Oracle 11g Standard Edition Release 1 - 11.1.0.6.0 (or later Fix Pack). (Supports Oracle Real Application Cluster (RAC))
- Microsoft SQL Server Enterprise 2000 Service Pack 4
- Microsoft SQL Server Enterprise 2005 (Not supported for the reporting function in Business Process Choreographer)
- Java Database Connectivity (JDBC) drivers
 - Derby JDBC Provider (XA)
 - Derby Network Server using Derby Client Provider (XA)
 - DB2 Universal JDBC Provider (XA) 2.8 (type 2)
 - DB2 Universal JDBC Provider (XA) 2.8 (type 4)
 - DB2 Universal JDBC Provider (XA) from DB2 z/OS (type 4)
 - Application Connectivity to DB2 for z/OS Feature
 - Toolbox (XA) for Java/JTOpen JDBC Driver 4.8 (type 4)
 - Informix JDBC (XA) Driver 3.00 JC3 (type 4)
 - Informix JDBC (XA) Driver 3.10 JC1 (type 4)
 - Oracle 9i JDBC (XA) Driver
 - Oracle 10g JDBC (XA) Driver
 - Oracle 11g JDBC (XA) Driver
 - WebSphere embedded Connect JDBC (XA) 3.5 build 37 (type 4)
 - DataDirect Connect JDBC (XA) 3.5 build 37 (type 4)
 - Microsoft SQL Server JDBC Driver, Version 1.2
- LDAP servers (required only to support optional functions)
 - IBM Tivoli Directory Server 6.0
 - IBM Tivoli Directory Server 6.1
 - Microsoft Windows Active Directory 2003
 - Microsoft Windows Active Directory Applications Mode 1.0 on Windows 2003
 - OpenLDAP 2.2.17 Build 20040923
- Web servers
 - Apache HTTP Server 2.0.54
 - Internet Information Services 6.0
- Web browser
 - Mozilla 1.7.13. Notes: The Business Space component of WebSphere Process Server is not supported on Mozilla 1.7.13. A Web browser is required for administration and configuration, sample program execution, and the launchpad. There is no restriction or certification of Web browsers on clients that connect to the server to display content.
 - Firefox 2.0
 - Firefox 3.0
 - Internet Explorer 6.0 Service Pack 1
 - Internet Explorer 7.0
- JMS provider (required only to support optional functions)
 - WebSphere MQ 6.0.2 (any Fix Pack)

- WebSphere MQ 7.0
- WebSphere Application Server default messaging provider
- Clients (required only to support optional functions)
 - For WebSphere Process Server only:
 - WebSphere Process Server Client 6.0.2
 - WebSphere Process Server Client 6.1
 - WebSphere Process Server Client 6.1.2
 - WebSphere Process Server Client 6.2.0. (The WebSphere Process Server Client 6.2.0 can be installed on WebSphere Application Server 6.1 and supported on the same set of platforms supported by WebSphere Process Server 6.2.0. Customer applications using or based on the WebSphere Process Server Client 6.0.2, 6.1, or 6.1.2 and higher will work against WebSphere Process Server 6.2.0.)
- Security (required only to support optional functions) IBM Tivoli Access Manager for e-Business 6.0
- Service Registries (required only to support optional functions) WebSphere Service Registry and Repository 6.2 Fix Pack 2. (Remote connections to earlier levels of WebSphere Service Registry and Repository are supported.)
- Tools and utilities: WebSphere Application Server Feature Pack for Web Services 6.1.0.21

For latest details, visit

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

<http://www.ibm.com/software/integration/wps/sysreqs>

WebSphere Integration Developer

Linux on Intel (x86)

- Red Hat Enterprise Linux (RHEL) 4 Workstation and Red Hat Enterprise Linux (RHEL) 5 Workstation
- Red Hat Enterprise Linux (RHEL) 4 Desktop and Red Hat Enterprise Linux (RHEL) 5 Desktop
- SUSE Linux Enterprise Server 9 Service Pack 1 to Service Pack 4 and SUSE Linux Enterprise Server 10
- SUSE Linux Enterprise Desktop 9 Service Pack 1 to Service Pack 4 and SUSE Linux Enterprise Desktop 10

Windows

- Windows Server 2003, Enterprise Edition
- Windows Server 2003, Standard Edition
- Windows Vista Business Edition
- Windows Vista Enterprise Edition
- Windows XP Professional Service Pack 1 and Service Pack 2
- Windows XP Professional x64 Service Pack 2
- A WebSphere Integration Developer 6.2 test environment on Windows Server 2003 for WebSphere Process Server 6.2 supports Citrix XenApp 4.5 Advanced Edition, Citrix XenApp Client 10.200 for Windows, and Citrix XenApp Clients for UNIX - Linux 10.6

For latest details, visit

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

Media Extended for WebSphere ESB

Linux

- WebSphere ESB V6.1.2 with Fix Pack 1 or V6.2
- Red Hat Enterprise Linux (RHEL) 4.0 Update 4 AS/ES x86-32

- Red Hat Enterprise Linux (RHEL) 4.0 Update 4 AS/ES x86-64
- Red Hat Enterprise Linux (RHEL) 5.0 AS/ES x86-32
- Red Hat Enterprise Linux (RHEL) 5.0 AS/ES x86-64

Windows

- WebSphere ESB V6.1.2 with Fix Pack 1 or V6.2
- Windows Server 2003 R2, Datacenter Edition x86-64
- Windows Server 2003 R2, Enterprise Edition x86-64
- Windows Server 2003 R2, Standard Edition x86-64
- Windows Server 2003 Service Pack 1, Datacenter Edition x86-32
- Windows Server 2003 Service Pack 1, Enterprise Edition x86-32
- Windows Server 2003 Service Pack 1, Standard Edition x86-32
- Windows Vista Business x86-32
- Windows Vista Enterprise x86-32
- Windows XP Professional Service Pack 2 x86-32

WebSphere Adapters

- Email Adapter V6.2
As for WebSphere Process Server and WebSphere ESB
- Flat Files Adapter V6.2
As for WebSphere Process Server and WebSphere ESB
- FTP Adapter V6.2
As for WebSphere Process Server and WebSphere ESB
- JDBC Adapter V6.2
As for WebSphere Process Server and WebSphere ESB
- IBM i Adapter V6.2
As for WebSphere Process Server and WebSphere ESB, with the following exceptions:
 - Is not supported on Windows XP
 - Is not supported by Windows on x86-64 systems
 - Is not supported by Sun Solaris 10 on SPARC systems
 - Is not supported by i5/OS on POWER6[™] systems
 - Is not supported by IBM AIX 5L 5.4 or IBM AIX 6.1 on any System p® or POWER6 system
 - Supports only Red Hat Enterprise Linux (RHEL) 4.0 AS (Update 4 or later) on 32-bit Linux on x86 and 64-bit Linux on x86 systems, and SUSE Linux Enterprise Server (SLES) 8 on 32-bit Linux on x86 systems
 - Is not supported on Linux for System z systems
- JD Edwards Adapter V6.2
As for WebSphere Process Server and WebSphere ESB, with the following exceptions:
 - Supports only Windows 2003 on 32-bit Windows x86 systems
 - Does not support Windows XP, Windows Vista, and Windows 2008
 - Is not supported by i5/OS on POWER6 systems
 - Is not supported by IBM AIX 5L 5.4 or IBM AIX 6.1 on any System p or POWER6 system
 - Supports only Red Hat Enterprise Linux (RHEL) 4.0 AS (Update 4 or later) on 32-bit Linux on x86 systems
 - Is not supported on Linux for System z systems
- Oracle E-Business Suite Adapter V6.2

As for WebSphere Process Server and WebSphere ESB, with the following exceptions:

- Does not support Windows 2003 R3 and Windows Vista Ultimate
- Is not supported by HP-UX 11iv2 and 11iv3 on PA-RISC systems
- Is not supported by HP-UX 11iv2 on IA64 systems
- Is not supported by i5/OS on POWER6 systems
- Is not supported on POWER6 systems
- Is not supported by IBM AIX 5L 5.3 or later on any System p system
- Does not support Red Hat Enterprise Linux (RHEL) 4.0 or later AS, WS, and ES
- Does not support SUSE Linux Enterprise Server (SLES) 9.0 or later
- Does not support Red Flag Data Center 5.0 Service Pack 1
- Is not supported on IA64 systems
- Is not supported on Linux for System z systems
- PeopleSoft Adapter V6.2

As for WebSphere Process Server and WebSphere ESB, with the following exceptions:

- Is not supported on Windows 2000, Windows 2003 R3, Windows XP, Windows Vista, and Windows 2008
- Is not supported by HP-UX 11iv3 or later on PA-RISC systems
- Is not supported by i5/OS on POWER6 systems
- Is not supported on POWER6 systems
- Is not supported by IBM AIX 5L 5.4 or IBM AIX 6.1 on any System p or POWER6 system
- Does not support Red Flag Data Center 5.0 Service Pack 1
- Supports only Red Hat Enterprise Linux 4.0 AS, ES, and WS on 32-bit Linux on x86 systems
- Supports only SUSE Linux Enterprise Server (SLES) 9.0
- Red Hat Enterprise Linux 4.0 AS (Update 4 or later) and SUSE Linux Enterprise Server 9.0 with Service Pack 2 or Service Pack 3 on Linux on System x[™] systems
- SAP Software Adapter V6.2

As for WebSphere Process Server and WebSphere ESB, with the following exceptions:

- Is not supported on Windows XP, Windows Vista, and Windows 2008
- Is not supported by i5/OS on POWER6 systems
- Is not supported by IBM AIX 5L 5.4 or IBM AIX 6.1 on any System p or POWER6 system
- Does not support Red Flag Data Center 5.0 Service Pack 1
- Does not support Red Hat Desktop Linux
- For Linux on System z systems, supports SUSE Linux Enterprise Server (SLES) 9.0 with Service Packs 2 and 3, SUSE Linux Enterprise Server (SLES) 10.0, Red Hat Enterprise Linux 4.0 AS (Update 4 or later), and Red Hat Enterprise Linux 5.0 Advanced Platform
- Siebel Adapter V6.2

As for WebSphere Process Server and WebSphere ESB, with the following exceptions:

- Is not supported by i5/OS on System i and POWER6 systems
- Does not support Red Flag Data Center 5.0 Service Pack 1
- Is not supported by HP-UX 11iv3 or later
- Is not supported by Linux on System z systems

For latest details, visit

<http://www.ibm.com/support/docview.wss?uid=swg27006249>

The program's specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a README file, or other

information published by IBM, such as an announcement letter. Documentation and other program content may be supplied only in the English language.

Planning information

WebSphere Adapters are packaged, ordered, and provided with the WebSphere Process Server, WebSphere ESB, and WebSphere Integration Developer products.

WebSphere Adapters V6.2 are licensed with each IBM application program that packages the adapter components. The terms of these programs complement and if necessary override the license terms of WebSphere Adapters. Refer to the respective application product unique terms (for example, WebSphere Integration Developer V6.2) to determine whether a separate license authorization is required to deploy and run each WebSphere Adapter.

When deploying WebSphere Adapter components for SAP, Siebel, PeopleSoft, JD Edwards, or Oracle E-Business Suite 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.

Charge metrics definitions for WebSphere Adapters

- Per establishment. If you have acquired an establishment authorization, you are permitted to deploy an unlimited number of copies of the licensed program only on servers that are located at a single site and at locations within 50 kilometers (31 miles) of that site.
- Per application instance. If you have acquired a per-application-instance authorization, you are permitted to deploy and run an unlimited number of copies of the licensed program on a single instance of a software deployment server supported by the program.

Subscription and Support (also referred to as Software Maintenance) is included with licenses purchased through Passport Advantage and Passport Advantage Express. Product upgrades and technical support are provided by the Subscription and Support (also referred to as 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 Subscription and Support (also referred to as Software Maintenance) with each program license acquired. The initial period of Subscription and Support (also referred to as Software Maintenance) can be extended by the purchase of a renewal option, if available.

Packaging

WebSphere ESB V6.2, WebSphere Process Server V6.2, WebSphere Integration Developer, and Media Extender for WebSphere ESB V6.2 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 V6.2 media packs contain the following items:

- License Information booklet
- Hardcopy Quick Start Guide
- Quick Start CD-ROM
- WebSphere ESB V6.2 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 V6.2 media packs contain the following items:

- License Information booklet
- Hardcopy Quick Start Guide
- Quick Start CD-ROM
- WebSphere Process Server V6.2 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 V6.2 media pack contains the following items:

- Hardcopy Quick Start Guide
- Quick Start CD-ROM
- WebSphere Integration Developer, V6.2 Linux and Windows DVD
- CICS Transaction Gateway, V6.0 Linux and Windows CD-ROMs
- IBM Lotus Forms Designer V3.5 CD-ROMs
- IBM Lotus Forms Server V3 CD-ROMs

WebSphere Integration Developer V6.2 also includes the following WebSphere Adapters:

- WebSphere Adapter for JDBC V6.2
- WebSphere Adapter for Flat Files V6.2
- WebSphere Adapter for Email V6.2
- WebSphere Adapter for FTP V6.2
- WebSphere Adapter for IBM i V6.2

The Media Extender for WebSphere ESB V6.2 media pack contains the following items:

- Hardcopy Quick Start Guide
- Media Extender for WebSphere ESB V6.2 CD

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

The products in this announcement use the security and auditability features of the host software.

The customer 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

Licensed function title	Product group	Product category
IBM Media Extender for WebSphere ESB	IBM WebSphere	IBM WebSphere Tools
IBM WebSphere Adapter for JD Edwards EnterpriseOne	WebSphere Business Integration	WebSphere Business Integration Adapters
IBM WebSphere Adapter for Oracle E-Business Suite	WebSphere Business Integration	WebSphere Business Integration Adapters
IBM WebSphere Adapter for PeopleSoft Enterprise	WebSphere Business Integration	WebSphere Business Integration Adapters
IBM WebSphere Adapter for SAP Software	WebSphere Business Integration	WebSphere Business Integration Adapters
IBM WebSphere Adapter for Siebel Business Applications	WebSphere Business Integration	WebSphere Business Integration Adapters
IBM WebSphere Enterprise Service Bus	Process Integration	IBM WebSphere Enterprise

IBM WebSphere Integration Developer	Process Integration	Service Bus Process Integration Tools
IBM WebSphere Process Server	Process Integration	Process Integration Servers

Program name	PID number	Charge unit description
IBM Media Extender for WebSphere Enterprise Service Bus	5724-V32	Application Instance
IBM Media Extender for WebSphere Enterprise Service Bus	5724-V32	Establishment
IBM WebSphere Adapter for JD Edwards EnterpriseOne	5724-I66	Application Instance
IBM WebSphere Adapter for JD Edwards EnterpriseOne	5724-I66	Establishment
IBM WebSphere Adapter for Oracle E-Business Suite	5724-I66	Establishment
IBM WebSphere Adapter for Oracle E-Business Suite	5724-I66	Establishment
IBM WebSphere Adapter for Oracle E-Business Suite	5724-I66	Application Instance
IBM WebSphere Adapter for PeopleSoft Enterprise	5724-I66	Establishment
IBM WebSphere Adapter for PeopleSoft Enterprise	5724-I66	Application Instance
IBM WebSphere Adapter for SAP Software	5724-I66	Establishment
IBM WebSphere Adapter for SAP Software	5724-I66	Establishment
IBM WebSphere Adapter for SAP Software	5724-I66	Application Instance
IBM WebSphere Adapter for Siebel Business Applications	5724-I66	Application Instance
IBM WebSphere Adapter for Siebel Business Applications	5724-I66	Establishment
IBM WebSphere Enterprise Service Bus	5724-I82	SubCapacity Processor Value Unit (PVU)
IBM WebSphere Enterprise Service Bus	5724-I82	Processor Value Unit (PVU)
IBM WebSphere Enterprise Service Bus	5724-I82	Processor Value Unit (PVU)
IBM WebSphere Enterprise Service Bus	5724-I82	Processor Day
IBM WebSphere Enterprise Service Bus	5724-I82	SubCapacity Processor Value Unit (PVU)
IBM WebSphere Integration Developer	5724-I66	Authorized User
IBM WebSphere Integration Developer	5724-I66	Authorized User
IBM WebSphere Process Server	5724-L01	SubCapacity Processor Value Unit (PVU)
IBM WebSphere Process Server	5724-L01	SubCapacity Processor Value Unit (PVU)
IBM WebSphere Process Server	5724-L01	Processor Day
IBM WebSphere Process Server	5724-L01	Processor Value Unit (PVU)
IBM WebSphere Process Server	5724-L01	Processor Value Unit (PVU)

Charge metrics definitions

Processor Value Unit (PVU)

PVU is the unit of measure by which this program is licensed. PVU entitlements are based on processor families (vendors and brands). A Proof of Entitlement (PoE) must be obtained for the appropriate number of PVUs based on the level or tier of all processor cores activated

and available for use by the Program on the server. Some programs allow licensing to less than the full capacity of the server's activated processor cores, sometimes referred to as sub-capacity licensing. For programs which offer sub-capacity licensing, if a server is partitioned utilizing eligible partitioning technologies, then a PoE must be obtained for the appropriate number of PVUs based on all activated processor cores available for use in each partition where the program runs or is managed by the program. Refer to the International Passport Advantage Agreement Attachment for Sub-Capacity Terms or the program's License Information to determine applicable sub-capacity terms. The PVU entitlements are specific to the program and may not be exchanged, interchanged, or aggregated with PVU entitlements of another program.

For general overview of PVUs for processor families (vendors and brands), go to

http://www-306.ibm.com/software/lotus/passportadvantage/pvu_licensing_for_customers.html

To calculate the exact PVU entitlements required for the program, go to

<https://www-112.ibm.com/software/howtobuy/passportadvantage/valueunitcalculator/vucalc.wss>

Authorized User

Authorized User is the unit of measure by which this program is licensed. An Authorized User is an individual (named or unnamed) within or outside of your enterprise. The program may be installed on one or more computers or servers and accessed by the number of users authorized by the Proof of Entitlement (PoE). You must have an entitlement for each Authorized User accessing the program or any program component in any manner directly or indirectly (for example, via a multiplexing program, device, or application server) through any means.

Passport Advantage program licenses

IBM Media Extender for WebSphere Enterprise Ser

Part description	Part number
IBM Media Extender for WebSphere Enterprise Service Bus Media Extender for WESB Application Instance Lic & SW Sub & Supp 12 Mo	D04Q3LL
Media Extender for WESB Application Instance SW S&S Reinstatement 12 Mo	D04Q4LL
Media Extender for WESB Application Instance SW Sub & Sup Annual Renewal	E056XLL
Media Extender for WESB Establishment Lic & SW Sub and Sup 12 Months	D04Q1LL
Media Extender for WESB Establishment Software S&S Annual Renewal	E056WLL
Media Extender for WESB Establishment Software S&S Reinstatement 12 Mo	D04Q2LL

WebSphere ESB

Part description	Part number
IBM webSphere Enterprise Service Bus webSphere Ent Service Bus Value Unit Annual SW S&S Rnw1	E02J3LL
webSphere Ent Service Bus Value Unit Lic + SW S&S 12 Mo	D58AELL
webSphere Ent Service Bus Value Unit SW S&S Reinstatement 12 Mo	D58AFL

WebSphere Integration Developer

Part description	Part number
IBM WebSphere Adapter for PeopleSoft Enterprise	
IBM WebSphere Adapter for PeopleSoft Ent per Est Annual SW S&S Rnw1	E01TXLL
IBM WebSphere Adapter for PeopleSoft Ent per Est Lic + SW S&S 12 Mo	D555VLL
IBM WebSphere Adapter for PeopleSoft Ent per Est SW S&S Reinstate 12 Mo	D555WLL
IBM WebSphere Adapter for PeopleSoft per App Inst Annual SW S&S Rnw1	E01TZLL
IBM WebSphere Adapter for PeopleSoft per App Inst Lic + SW S&S 12 Mo	D555ZLL
IBM WebSphere Adapter for PeopleSoft per App Inst SW S&S Reinstate 12 Mo	D5560LL

WebSphere Integration Developer

Part description	Part number
IBM WebSphere Integration Developer	
WebSphere Integration Developer Authorized User Annual SW S&S Rnw1	E01UDLL
WebSphere Integration Developer Authorized User Lic + SW S&S 12 Mo	D5571LL
WebSphere Integration Developer Authorized User SW S&S Reinstate 12 Mo	D5572LL

WebSphere Integration Developer

Part description	Part number
IBM WebSphere Adapter for SAP Software	
IBM WebSphere Adapter for SAP Software per App Ins Annual SW S&S Rnw1	E01TYLL
IBM WebSphere Adapter for SAP Software per App Ins Lic + SW S&S 12 Mo	D555XLL
IBM WebSphere Adapter for SAP Software per App Ins SW S&S Reinstate 12 Mo	D555YLL
IBM WebSphere Adapter for SAP Software per Est Annual SW S&S Rnw1	E01U0LL
IBM WebSphere Adapter for SAP Software per Est Lic + SW S&S 12 Mo	D5561LL
IBM WebSphere Adapter for SAP Software per Est SW S&S Reinstate 12 Mo	D5562LL

WebSphere Integration Developer

Part description	Part number
IBM WebSphere Adapter for JD Edwards EnterpriseOne	
IBM WebSphere Adapter for JD Edwards Ent App Inst Annual SW S&S Rnw1	E031YLL
IBM WebSphere Adapter for JD Edwards Ent App Inst Lic + SW S&S 12 Mo	D59LVLL
IBM WebSphere Adapter for JD Edwards Ent App Inst SW S&S Reinstate 12 Mo	D59LWLL
IBM WebSphere Adapter for JD Edwards Ent per Estab Annual SW S&S Rnw1	E031XLL
IBM WebSphere Adapter for JD Edwards Ent per Estab Lic + SW S&S 12 Mo	D59LTLL
IBM WebSphere Adapter for JD Edwards Ent per Estab SW S&S Reinstate 12 Mo	D59LULL

WebSphere Integration Developer

Part description	Part number
IBM WebSphere Adapter for Oracle E-Business Suite Annual SW S&S Rnw1	E031SLL
IBM WebSphere Adapter Oracle E-Business per App In + SW S&S 12 Mo	D59LILL
IBM WebSphere Adapter Oracle E-Business per App In SW S&S Reinstate 12 Mo	D59LJLL
IBM WebSphere Adapter Oracle E-Business per Estab Annual SW S&S Rnw1	E031TLL
IBM WebSphere Adapter Oracle E-Business per Estab Lic + SW S&S 12 Mo	D59LKLL
IBM WebSphere Adapter Oracle E-Business per Estab SW S&S Reinstate 12 Mo	D59LLLL

WebSphere Integration Developer

Part description	Part number
IBM WebSphere Adapter for Siebel Business Applications Annual SW S&S Rnw1	E01U1LL
IBM WebSphere Adapter for Siebel Bus App per Est Lic + SW S&S 12 Mo	D5564LL
IBM WebSphere Adapter for Siebel Bus App per Est SW S&S Reinstate 12 Mo	D5565LL
IBM WebSphere Adapter for Siebel per App Instance Annual SW S&S Rnw1	E01U2LL
IBM WebSphere Adapter for Siebel per App Instance Lic + SW S&S 12 Mo	D5566LL
IBM WebSphere Adapter for Siebel per App Instance SW S&S Reinstate 12 Mo	D5567LL

WebSphere Process Server

Part description	Part number
IBM WebSphere Process Server WebSphere Process Server Multiplatform Value Unit Annual SW S&S Rnw1	E02ECLL
WebSphere Process Server Multiplatform Value Unit Lic + SW S&S 12 Mo	D572ZLL
WebSphere Process Server Multiplatform Value Unit SW S&S Reinstate 12 Mo	D5734LL

Passport Advantage Trade-up licenses

WebSphere ESB

Precursor product	Trade-up product	Part number
IBM WebSphere Enterprise Service Bus Qualified Competitor	WS Ent Svc Bus Value Unit fr Qualified Comp Trdup Lic + SW S&S 12 Mo	D58AHL
WebSphere Application Server Network Deployment	WS Ent Svc Bus Value Unit fr WAS ND Value Unit Trdup Lic + SW S&S 12 Mo	D58AGLL

WebSphere Integration Developer

Precursor product	Trade-up product	Part number
IBM WebSphere Integration Developer		
Rational Application Dev Auth Usr	WID Auth Usr fr Rational Application Dev Auth Usr Trdup Lic + SW S&S 12 Mo	D5573LL
Qualified Competitor Auth Usr	WID Auth Usr from Qualified Competitor Auth Usr Trdup Lic + SW S&S 12 Mo	D5574LL
Qualified Competitor Auth Usr	WID Auth Usr zSeries® fr Qualified Competitor Trdup Lic + SW S&S 12 Mo	D56x9LL
RAD Auth Usr	WID Auth Usr zSeries fr RAD Auth Usr Trdup Lic + SW S&S 12 Mo	D56x8LL

WebSphere Process Server

Precursor product	Trade-up product	Part number
IBM WebSphere Process Server		
Qualified Competitor	WPS Value Unit fr Qualified Competitor Trdup Lic + SW S&S 12 Mo	D5736LL
WAS ND per proc	WPS Value Unit fr WAS/ND Value Unit Trdup Lic + SW S&S 12 Mo	D5735LL
WebSphere Enterprise Service Bus per processor	WPS Value Unit from WebSphere ESB Trdup Lic + SW S&S 12 Mo	D581ALL

Passport Advantage supply

Program name/description	Part number
Media Extender for WESB V6.2.0	
IBM Media Extender for WESB V6.2 Multiplatform Media Pack US English	BA0TYNA
webSphere ESB V6.2.0	
webSphere Enterprise Service Bus V6.2 windows Media Pack Multilingual	BA0UJML
webSphere Enterprise Service Bus V6.2 AIX Media Pack Multilingual	BA0UKML
webSphere Enterprise Service Bus V6.2 Solaris Media Pack Multilingual	BA0ULML
webSphere Enterprise Service Bus V6.2 HP UX Media Pack Multilingual	BA0UMML
webSphere Enterprise Service Bus V6.2 Linux x86 Media Pack Multilingual	BA0UNML
webSphere Enterprise Service Bus V6.2 Linux POWER Media Pack Multilingual	BA0UPML
webSphere Enterprise Service Bus V6.2 Linux z Media Pack Multilingual	BA0UQML
webSphere Enterprise Service Bus V6.2 i50S Media Pack Multilingual	BA0URML
webSphere Integration Dev V6.2.0	
webSphere Integration Developer V6.2 win / Linux Multilingual Media Pack	BA0UWML
webSphere Process Server V6.2.0	
IBM websphere Process Server V6.2 windows Multilingual Media Pack	BA0U4ML
IBM websphere Process Server V6.2 AIX Multilingual Media Pack	BA0U5ML
IBM websphere Process Server V6.2 Solaris Multilingual	BA0U6ML

Media Pack		
IBM Websphere Process Server V6.2 HP-UX Multilingual Media Pack		BA0U7ML
IBM Websphere Process Server V6.2 Linux x86 Multilingual Media Pack		BA0U8ML
IBM Websphere Process Server V6.2 Linux POWER Multilingual Media Pack		BA0U9ML
IBM Websphere Process Server V6.2 Linux z Multilingual Media Pack		BA0UAML
IBM Websphere Process Server V6.2 i5/OS Multilingual Media Pack		BA0UBML

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 Integration Developer V6.2.0

Entitled maintenance offerings description	Media packs description	Part number
IBM webSphere Adapter for JD	webSphere Integration Developer V6.2 Win / Linux Multilingual Media Pack	BA0UWML
IBM webSphere Adapter for JD	webSphere Integration Developer V6.2 win / Linux Multilingual Media Pack	BA0UWML
IBM webSphere Adapter for Oracle E-Business Suite per Application Instance	webSphere Integration Developer V6.2 win / Linux Multilingual Media Pack	BA0UWML
IBM webSphere Adapter for Oracle E-Business Suite per Establishment	webSphere Integration Developer V6.2 win / Linux Multilingual Media Pack	BA0UWML
IBM webSphere Adapter for Oracle E-Business Suite per Establishment for zSeries (s/390)	webSphere Integration Developer V6.2 win / Linux Multilingual Media Pack	BA0UWML
IBM webSphere Adapter for PeopleSoft Enterprise per Application Instance	webSphere Integration Developer V6.2 win / Linux Multilingual Media Pack	BA0UWML
IBM webSphere Adapter for PeopleSoft Enterprise per Establishment	webSphere Integration Developer V6.2 win / Linux Multilingual Media Pack	BA0UWML
IBM webSphere Adapter for SAP Estab zSeries	webSphere Integration Developer V6.2 win / Linux Multilingual Media Pack	BA0UWML
IBM webSphere Adapter for SAP per Application Instance	webSphere Integration Developer V6.2 win / Linux Multilingual Media Pack	BA0UWML
IBM webSphere Adapter for SAP per Establishment	webSphere Integration Developer V6.2 win / Linux Multilingual Media Pack	BA0UWML
IBM webSphere Adapter for Siebel Business Applications per Application Instance	webSphere Integration Developer V6.2 win / Linux Multilingual Media Pack	BA0UWML
IBM webSphere Adapter for Siebel Business Applications per Establishment	webSphere Integration Developer V6.2 win / Linux Multilingual Media Pack	BA0UWML
webSphere Integration Developer Authorized User	webSphere Integration Developer V6.2 win / Linux Multilingual Media Pack	BA0UWML
webSphere Integration Developer Authorized User for zSeries	webSphere Integration Developer V6.2 win / Linux Multilingual Media Pack	BA0UWML

WebSphere Process Server V6.2.0

Entitled maintenance offerings description	Media packs description	Part number
WebSphere Process Server per SubCapacity Value Unit	IBM Websphere Process Server V6.2 Solaris Multilingual Media Pack	BA0U6ML
WebSphere Process Server per SubCapacity Value Unit	IBM Websphere Process Server V6.2 Linux x86 Multilingual Media Pack	BA0U8ML
WebSphere Process Server per SubCapacity Value Unit	IBM Websphere Process Server V6.2 i5/OS Multilingual Media Pack	BA0UBML
WebSphere Process Server per SubCapacity Value Unit	IBM Websphere Process Server V6.2 windows Multilingual Media Pack	BA0U4ML
WebSphere Process Server per SubCapacity Value Unit	IBM Websphere Process Server V6.2 HP-UX Multilingual Media Pack	BA0U7ML
WebSphere Process Server per SubCapacity Value Unit	IBM Websphere Process Server V6.2 AIX Multilingual Media Pack	BA0U5ML
WebSphere Process Server per SubCapacity Value Unit	IBM Websphere Process Server V6.2 Linux z Multilingual Media Pack	BA0UAML
WebSphere Process Server per SubCapacity Value Unit	IBM Websphere Process Server V6.2 Linux POWER Multilingual Media Pack	BA0U9ML
WebSphere Process Server per Value Unit	IBM Websphere Process Server V6.2 AIX Multilingual Media Pack	BA0U5ML
WebSphere Process Server per Value Unit	IBM Websphere Process Server V6.2 HP-UX Multilingual Media Pack	BA0U7ML
WebSphere Process Server per Value Unit	IBM Websphere Process Server V6.2 Linux POWER Multilingual Media Pack	BA0U9ML
WebSphere Process Server per Value Unit	IBM Websphere Process Server V6.2 Linux z Multilingual Media Pack	BA0UAML
WebSphere Process Server per Value Unit	IBM Websphere Process Server V6.2 Linux x86 Multilingual Media Pack	BA0U8ML
WebSphere Process Server per Value Unit	IBM Websphere Process Server V6.2 solaris Multilingual Media Pack	BA0U6ML
WebSphere Process Server per Value Unit	IBM Websphere Process Server V6.2 windows Multilingual Media Pack	BA0U4ML
WebSphere Process Server per Value Unit	IBM Websphere Process Server V6.2 i5/OS Multilingual Media Pack	BA0UBML
WebSphere Process Server per Value Unit Linux on Z	IBM Websphere Process Server V6.2 Solaris Multilingual Media Pack	BA0U6ML
WebSphere Process Server per Value Unit Linux on Z	IBM Websphere Process Server V6.2 Linux x86 Multilingual Media Pack	BA0U8ML
WebSphere Process Server per Value Unit Linux on Z	IBM Websphere Process Server V6.2 i5/OS Multilingual Media Pack	BA0UBML
WebSphere Process Server per Value Unit Linux on Z	IBM Websphere Process Server V6.2 windows Multilingual Media Pack	BA0U4ML
WebSphere Process Server per Value Unit Linux on Z	IBM Websphere Process Server V6.2 HP-UX Multilingual Media Pack	BA0U7ML
WebSphere Process Server per Value Unit Linux on Z	IBM Websphere Process Server V6.2 AIX Multilingual Media Pack	BA0U5ML
WebSphere Process Server	IBM Websphere Process	BA0UAML

per Value Unit Linux on Z	Server V6.2 Linux z Multilingual Media Pack	
WebSphere Process Server per Value Unit Linux on Z	IBM Websphere Process Server V6.2 Linux POWER Multilingual Media Pack	BA0U9ML
WebSphere Process Svr per SubCapacity Value Unit Linux on Z	IBM Websphere Process Server V6.2 AIX Multilingual Media Pack	BA0U5ML
WebSphere Process Svr per SubCapacity Value Unit Linux on Z	IBM Websphere Process Server V6.2 HP-UX Multilingual Media Pack	BA0U7ML
WebSphere Process Svr per SubCapacity Value Unit Linux on Z	IBM Websphere Process Server V6.2 Linux POWER Multilingual Media Pack	BA0U9ML
WebSphere Process Svr per SubCapacity Value Unit Linux on Z	IBM Websphere Process Server V6.2 Linux z Multilingual Media Pack	BA0UAML
WebSphere Process Svr per SubCapacity Value Unit Linux on Z	IBM Websphere Process Server V6.2 Linux x86 Multilingual Media Pack	BA0U8ML
WebSphere Process Svr per SubCapacity Value Unit Linux on Z	IBM Websphere Process Server V6.2 Solaris Multilingual Media Pack	BA0U6ML
WebSphere Process Svr per SubCapacity Value Unit Linux on Z	IBM Websphere Process Server V6.2 Windows Multilingual Media Pack	BA0U4ML
WebSphere Process Svr per SubCapacity Value Unit Linux on Z	IBM Websphere Process Server V6.2 i5/OS Multilingual Media Pack	BA0UBML

Media Extender for WESB V6.2.0

Entitled maintenance offerings description	Media packs description	Part number
IBM Media Extender for WebSphere Enterprise Service Bus per Application Instance	IBM Media Extender for WESB V6.2 Multiplatform Media Pack US English	BA0TYNA
IBM Media Extender for WebSphere Enterprise Service Bus per Establishment	IBM Media Extender for WESB V6.2 Multiplatform Media Pack US English	BA0TYNA

WebSphere ESB V6.2.0

Entitled maintenance offerings description	Media packs description	Part number
IBM WebSphere Enterprise Service Bus Linux on z Subcapacity Value Unit	WebSphere Enterprise Service Bus V6.2 Solaris Media Pack Multilingual	BA0ULML
IBM WebSphere Enterprise Service Bus Linux on z Subcapacity Value Unit	WebSphere Enterprise Service Bus V6.2 Linux z Media Pack Multilingual	BA0UQML
IBM WebSphere Enterprise Service Bus Linux on z Subcapacity Value Unit	WebSphere Enterprise Service Bus V6.2 i5OS Media Pack Multilingual	BA0URML
IBM WebSphere Enterprise Service Bus Linux on z Subcapacity Value Unit	WebSphere Enterprise Service Bus V6.2 windows Media Pack Multilingual	BA0UJML
IBM WebSphere Enterprise Service Bus Linux on z Subcapacity Value Unit	WebSphere Enterprise Service Bus V6.2 HP UX Media Pack Multilingual	BA0UMML
IBM WebSphere Enterprise Service Bus Linux on z Subcapacity Value Unit	WebSphere Enterprise Service Bus V6.2 AIX Media Pack Multilingual	BA0UKML
IBM WebSphere Enterprise Service Bus Linux on z	WebSphere Enterprise Service Bus V6.2 Linux x86	BA0UNML

Subcapacity Value Unit	Media Pack Multilingual	
IBM WebSphere Enterprise Service Bus Linux on z Subcapacity Value Unit	WebSphere Enterprise Service Bus V6.2 Linux POWER Media Pack Multilingual	BAOUPML
IBM WebSphere Enterprise Service Bus Linux on z Value Unit	WebSphere Enterprise Service Bus V6.2 AIX Media Pack Multilingual	BAOUKML
IBM WebSphere Enterprise Service Bus Linux on z Value Unit	WebSphere Enterprise Service Bus V6.2 HP UX Media Pack Multilingual	BAOUMML
IBM WebSphere Enterprise Service Bus Linux on z Value Unit	WebSphere Enterprise Service Bus V6.2 Linux POWER Media Pack Multilingual	BAOUPML
IBM WebSphere Enterprise Service Bus Linux on z Value Unit	WebSphere Enterprise Service Bus V6.2 Linux x86 Media Pack Multilingual	BAOUNML
IBM WebSphere Enterprise Service Bus Linux on z Value Unit	WebSphere Enterprise Service Bus V6.2 Linux z Media Pack Multilingual	BAOUQML
IBM WebSphere Enterprise Service Bus Linux on z Value Unit	WebSphere Enterprise Service Bus V6.2 Solaris Media Pack Multilingual	BAOULML
IBM WebSphere Enterprise Service Bus Linux on z Value Unit	WebSphere Enterprise Service Bus V6.2 Windows Media Pack Multilingual	BAOUJML
IBM WebSphere Enterprise Service Bus Linux on z Value Unit	WebSphere Enterprise Service Bus V6.2 iOS Media Pack Multilingual	BAOURML
IBM WebSphere Enterprise Service Bus SubCapacity Value Unit	WebSphere Enterprise Service Bus V6.2 Solaris Media Pack Multilingual	BAOULML
IBM WebSphere Enterprise Service Bus SubCapacity Value Unit	WebSphere Enterprise Service Bus V6.2 Linux z Media Pack Multilingual	BAOUQML
IBM WebSphere Enterprise Service Bus SubCapacity Value Unit	WebSphere Enterprise Service Bus V6.2 iOS Media Pack Multilingual	BAOURML
IBM WebSphere Enterprise Service Bus SubCapacity Value Unit	WebSphere Enterprise Service Bus V6.2 Windows Media Pack Multilingual	BAOUJML
IBM WebSphere Enterprise Service Bus SubCapacity Value Unit	WebSphere Enterprise Service Bus V6.2 HP UX Media Pack Multilingual	BAOUMML
IBM WebSphere Enterprise Service Bus SubCapacity Value Unit	WebSphere Enterprise Service Bus V6.2 AIX Media Pack Multilingual	BAOUKML
IBM WebSphere Enterprise Service Bus SubCapacity Value Unit	WebSphere Enterprise Service Bus V6.2 Linux x86 Media Pack Multilingual	BAOUNML
IBM WebSphere Enterprise Service Bus SubCapacity Value Unit	WebSphere Enterprise Service Bus V6.2 Linux POWER Media Pack Multilingual	BAOUPML
IBM WebSphere Enterprise Service Bus Value Unit	WebSphere Enterprise Service Bus V6.2 AIX Media Pack Multilingual	BAOUKML
IBM WebSphere Enterprise Service Bus Value Unit	WebSphere Enterprise Service Bus V6.2 HP UX Media Pack Multilingual	BAOUMML
IBM WebSphere Enterprise Service Bus Value Unit	WebSphere Enterprise Service Bus V6.2 Linux POWER Media Pack Multilingual	BAOUPML
IBM WebSphere Enterprise Service Bus Value Unit	WebSphere Enterprise Service Bus V6.2 Linux x86 Media Pack Multilingual	BAOUNML
IBM WebSphere Enterprise Service Bus Value Unit	WebSphere Enterprise Service Bus V6.2 Linux z Media Pack Multilingual	BAOUQML
IBM WebSphere Enterprise Service Bus Value Unit	WebSphere Enterprise Service Bus V6.2 Solaris	BAOULML

IBM WebSphere Enterprise Service Bus Value Unit	Media Pack Multilingual WebSphere Enterprise Service Bus V6.2 Windows Media Pack Multilingual	BA0UJML
IBM WebSphere Enterprise Service Bus Value Unit	WebSphere Enterprise Service Bus V6.2 i5OS Media Pack Multilingual	BA0URML

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.

Part description	Part number
WebSphere Ent Svc Bus Linux on z Value Unit Annual SW S&S Rnw1	E02J5LL
WebSphere Ent Svc Bus Linux on z Value Unit Lic + SW S&S 12 Mo	D58AKLL
WebSphere Ent Svc Bus Linux on z Value Unit SW S&S Reinststate 12 Mo	D58ALLL
WebSphere Integration Dev Auth User for zSeries Annual SW S&S Rnw1	E02CJLL
WebSphere Integration Dev Auth User for zSeries Lic + SW S&S 12 Mo	D56X6LL
WebSphere Integration Dev Auth User for zSeries SW S&S Reinststate 12 Mo	D56X7LL
IBM WebSphere Adapter for SAP per Estab zSeries Annual SW S&S Rnw1	E02HSLL
IBM WebSphere Adapter for SAP per Estab zSeries Lic + SW S&S 12 Mo	D5832LL
IBM WebSphere Adapter for SAP per Estab zSeries SW S&S Reinststate 12 Mo	D5834LL
IBM WebSphere Adapter Oracle E-Bus per Estab for z Annual SW S&S Rnw1	E031RLL
IBM WebSphere Adapter Oracle E-Bus per Estab for z Lic + SW S&S 12 Mo	D59LGLL
IBM WebSphere Adapter Oracle E-Bus per Estab for z SW S&S Reinststate 12 Mo	D59LHLL
WebSphere Process Svr MP Value Unit Linux z Annual SW S&S Rnw1	E02E7LL
WebSphere Process Svr MP Value Unit Linux z Lic + SW S&S 12 Mo	D572HLL
WebSphere Process Svr MP Value Unit Linux z SW S&S Reinststate 12 Mo	D572LLL

Trade-up licenses for cross-platform products

WebSphere ESB

Precursor product	Trade-up product	Part number
IBM WebSphere Enterprise Service Bus Qualified Competitor	WS Ent Svc Bus Linz Val Unit fr Qualified Comp Trdup Lic + SW S&S 12 Mo	D58ANLL
WebSphere Application Server Network Deployment	WS Ent Svc Bus Linz Val Unit fr WAS ND Linz VU Trdup Lic + SW S&S 12 Mo	D58AMLL

WebSphere Process Server

Precursor product	Trade-up product	Part number
IBM WebSphere Process Server Qualified Competitor	WS Pro Server MP VULnx z fr Qualified Competitor Trdup Lic + SW S&S 12 Mo	D58B3LL
WebSphere Network Deployment proc Linux on z	WS Pro Svr MP VULnx on z fr WAS ND VULnx on z Trdup Lic + SW S&S 12 Mo	D58B5LL
WebSphere Enterprise Service Bus	WS Pro Svr MP VULnx on z from WESB VULnx on z Trdup Lic + SW S&S 12 Mo	D58B4LL

Sub-capacity

WebSphere ESB

Part number	Part description
D58AULL	WS Ent Svc Bus Lin z SubCap VUfr WAS ND Linz SC Trdup Lic + SW S&S 12 Mo
D58ARLL	WS Ent Svc Bus Sub Cap VUfr WAS ND SubCap Trdup Lic + SW S&S 12 Mo
E02J6LL	WS Enterprise Svc Bus SubCap Value Unit Annual SW S&S Rnw1
D58APLL	WS Enterprise Svc Bus SubCap Value Unit Lic + SW S&S 12 Mo
D58AQLL	WS Enterprise Svc Bus SubCap value Unit SW S&S Reinstate 12 Mo
E02J7LL	WebSphere Ent Svc Bus Linux SubCap Value Unit Annual SW S&S Rnw1
D58ASLL	WebSphere Ent Svc Bus Linux SubCap Value Unit Lic + SW S&S 12 Mo
D58ATLL	WebSphere Ent Svc Bus Linux SubCap Value Unit SW S&S Reinstate 12 Mo

IBM WebSphere Process Server

Part number	Part description
E02E4LL	WebSphere Prc Svr MP per SubCap Value Unit Linux z Annual SW S&S Rnw1
D5725LL	WebSphere Prc Svr MP per SubCap Value Unit Linux z Lic + SW S&S 12 Mo
D5726LL	WebSphere Prc Svr MP per SubCap Value Unit Linux z SW S&S Reinstate 12 Mo
E02EBLL	WebSphere Process Svr SubCapacity Value Unit Annual SW S&S Rnw1
D572TLL	WebSphere Process Svr SubCapacity Value Unit Lic + SW S&S 12 Mo
D572VLL	WebSphere Process Svr SubCapacity Value Unit SW S&S Reinstate 12 Mo

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

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

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On/Off CoD

WebSphere ESB

Part description	Part number
WS Enterprise Service Bus Processor Day Per Use-DAY, On Off Capacity on de	D56UWLL

WebSphere Process Server

Part description	Part number
webSphere Proc Svr Multiplat Processor Day Per Use-DAY, On Off Capacity on	D55F8LL

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License Information form number

Program name	Program number	Form number
IBM Media Extender for WebSphere Enterprise Ser	5724-V32	L-TMAN-7FPJJZ
webSphere Enterprise Service Bus	5724-I82	L-YWAG-7HG2SK
webSphere Integration Developer	5724-I66	L-SCAL-7JBBDK
webSphere Process Server	5724-L01	L-YWAG-7HG2SK

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Product name

IBM Media Extender for webSphere Enterprise Ser	No
webSphere Enterprise Service Bus	No
webSphere Integration Developer	Yes
webSphere Process Server	No

Volume orders (IVO)

No

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System i Software Maintenance applies

No

Educational allowance available

Not applicable.

On/Off CoD

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Corrections

(Corrected on November 20, 2008)

The At a glance and Description sections are revised.

(Corrected on October 15, 2008)

The At a glance and Description sections are revised.