



# IBM Integration Bus V10.0 delivers key enhancements to enable improved developer experience, manageability, cloud, and functional capabilities

## Table of contents

<a href="#">2 Overview</a>	<a href="#">10 Publications</a>
<a href="#">2 Key prerequisites</a>	<a href="#">11 Technical information</a>
<a href="#">2 Planned availability date</a>	<a href="#">13 Ordering information</a>
<a href="#">3 Description</a>	<a href="#">19 Terms and conditions</a>
<a href="#">8 Product positioning</a>	<a href="#">22 Prices</a>
<a href="#">8 Statement of general direction</a>	<a href="#">23 Order now</a>
<a href="#">9 Program number</a>	<a href="#">24 Corrections</a>

## At a glance

IBM<sup>®</sup> Integration Bus V10.0 delivers a comprehensive integration solution. In addition to connecting a wide range of applications, services, and systems across heterogeneous IT environments, it provides the visibility and control capabilities that are needed to support critical business activities, such as monitoring, auditing, process management, and analytics.

New enhancements provide clients with:

- Flexible interactions with IBM WebSphere<sup>®</sup> MQ that extend support to offer connections to multiple local queue managers when getting and putting messages.
- Easier administration using the Integration Bus web-browser user interface, which includes new capabilities for deployment, creating, editing, and attaching policy documents.
- Enhanced functionality for integrating applications both on-premise and in the cloud, which include REST APIs, Graphical Data Mapper and Data Format Description Language (DFDL) improvements, and support for MQ Telemetry Transport messages.

The new capabilities naturally extend the powerful productivity features of Integration Bus to develop and manage integration solution deployments, and to extend its industry-leading performance and scalability.

Integration Bus V10 offers the flexibility to deploy an integrated solution by providing several dynamically-set modes of operation, from an entry-level starting point to a full-feature edition.

For ordering, contact your IBM representative, an IBM Business Partner, or IBM Americas Call Centers at 800-IBM-CALL (Reference: YE001b).

---

## Overview

---

Integration Bus provides the capabilities that are needed to build solutions to address diverse integration requirements. A rich set of connectors provide broad connectivity to a wide range of data sources, which include packaged applications, files, mobile devices, messaging systems, and databases.

A wide variety of data formats are supported that include standards-based formats (such as, XML, DFDL, and JSON), industry formats (such as, HL7, SWIFT and ISO8583), and custom formats. A comprehensive range of operations can be performed on data, which include routing, filtering, enrichment, publish-subscribe, sequencing, and aggregation. These flexible integration capabilities can support your choice of solution architectures, including service-oriented, RESTful, event-oriented, data-driven, and file-based (batch or real-time).

Integration Bus V10.0 delivers key enhancements that simplify the creation and management of integration processes spanning disparate applications, systems, and data sources. New capabilities allow you to:

- Quickly get started with Integration Bus with a radically simplified single package installation and improved support for unit test.
- Flexibly interact with WebSphere MQ by using connection policies.
- Use Integration Bus without installing WebSphere MQ.
- Simplify administration of Integration Bus by using an improved web browser user interface, which includes new capabilities for deployment, creating, editing and attaching policy documents.
- Rapidly create REST APIs and use new, graphical data mapper capabilities for the transformation of unmodeled data structures, such as JSON messages.
- Reuse common resources, such as message models, subflows, Java™ and ESQl code in shared libraries that lead to significant memory improvements.
- Integrate publish-subscribe-based applications using MQ Telemetry Transport messages.
- Easily transform and model data structures with multiple new Graphical Data Map and Data Format Description Language (DFDL) features.
- Extend the reach of the Integration Bus with file, database and security enhancements.
- Import and convert existing WebSphere Enterprise Service Bus integration assets so they can run on Integration Bus.
- Create new application connectors and use them to easily create user-defined nodes.
- Share product extensions with the integration community, including an enhanced explorer configured to access a GitHub repository of Integration Bus patterns.

Integration Bus V10 offers flexibility to deploy an integration solution by providing a number of dynamically set modes of operation, from an entry-level starting point to a full-feature edition. Refer to the [Description](#) section for more information about the modes of operation.

---

## Key prerequisites

---

Integration Bus can be used on a variety of computer systems and platforms. Refer to the [Hardware requirements](#) and [Software requirements](#) sections for details.

---

## Planned availability date

---

- March 27, 2015 - Electronic distribution
- April 3, 2015 - Media pack

---

## Description

---

IBM Integration Bus V10.0 includes enhancements to can help improve developer experience, manageability, cloud, and functional capabilities.

### **Quickly get started with a radically simplified, single-package installation and improved support for unit test**

The installation and configuration of Integration Bus is dramatically simplified. It allows an integration developer to quickly get started and use the IBM Integration Toolkit to start creating applications. On Microsoft™ Windows™ and Linux™ operating systems, there is a single-package, installation process that deploys both the runtime environment and the Integration Toolkit.

- On Windows, you run the installer, accept the license, and optionally change the location for the installation.
- On Linux, the installation is a simple unpack of the code into an appropriate directory.

A local integration node and integration server are automatically created the first time that you start the Integration Toolkit and these components are automatically started whenever the Toolkit is started.

The new Unit Test experience allows the integration server to be placed in a test data capture mode. This enables the ability to inject data in both serialized (physical) and parsed (logical) formats and visually trace the path taken by data as it propagates through a message flow.

### **Flexibly interact with WebSphere MQ using connection policies**

Greater flexibility is delivered in the interactions between Integration Bus and WebSphere MQ. You can configure local or client connections. This enables your integration nodes to get messages from, or put messages to, queues on local or remote queue managers.

WebSphere MQ message flow nodes can be configured to communicate with a specific local or remote queue manager by using properties such as the queue manager name, host name, port, and channel. These properties can be abstracted from the node into a policy document, which can be edited dynamically in the web user interface and reused across multiple attachment points.

You can also create message flows that contain multiple MQInput and MQOutput nodes, each of which can access different queue managers. This allows you to adapt your message flows to match any existing WebSphere MQ topology.

### **Use Integration Bus without installing WebSphere MQ**

WebSphere MQ is no longer a prerequisite for using Integration Bus. This means you can develop and deploy Integration Bus applications without installing WebSphere MQ.

When creating an integration node, you can still specify a relationship with a queue manager. This relationship is used by all message flow nodes that do not have queue manager connections explicitly defined or defined with a policy.

When you purchase a license for Integration Bus you are entitled to install and use one copy of WebSphere MQ on the same server on which the Integration Bus Runtime component is installed. This allows you to continue using the Integration Bus capabilities that require WebSphere MQ functionality, such as the event-driven processing capabilities like message aggregation and sequencing.

**Note:** No entitlement is provided for use of WebSphere MQ on a separate server. The copy of WebSphere MQ that you are entitled to when you purchase Integration Bus may be used only for messages generated or consumed by the components

of the program or for internal Integration Bus operation, and not for any other purpose.

### **Simplify administration of Integration Bus by using the improved web browser user interface which includes new capabilities for deployment, creating, editing and attaching policy documents**

The web-browser-based administration tool provides new capabilities for managing an Integration Bus environment:

- Create, edit, and attach policy documents.
- Manage (add, delete, or rename) a node's integration servers.
- Modify a node's properties.
- Deploy Broker Archive (BAR) files.
- Delete individual applications, services, libraries and flows.
- Add, edit, and delete configurable services.
- Export the HTTP port configuration for a node.

### **Rapidly create REST APIs and use the new, graphical data mapper to support the transformation of unmodelled data structures**

Integration Bus can be used to rapidly expose a REST API. Input data interpreted by using the built-in JSON parser can be quickly transformed by using the Graphical Data Mapper, even in cases where the data structure has not been modelled. Use the mapper's new support to add, reuse, rename, transform, and delete user-defined elements directly within your message map during the development phase.

With a single click, you can also generate a JavaScript™ client API by adding an HTTP/JSON binding to an existing integration service. The JavaScript client API provides operation functions that a JavaScript developer can call from a program that is running in a JavaScript environment.

### **Reuse common resources, such as message models, subflows, Java, and ESQL code in shared libraries**

Shared libraries are introduced to share resources between multiple applications. A shared library is deployed directly to an integration server. Any application can reference the resources in that deployed shared library. If that shared library is updated, the changes are immediately visible to all referencing applications.

You might want to map between different versions of an XML schema. Both versions might declare the same elements and types, which cannot coexist in one application. If you create the two versions in separate shared libraries, then at deployment time separate models are built for each of the shared libraries. Therefore, no clash results from the duplicated elements and types.

In addition to these functional benefits, sharing common resources in a shared library can provide a significant reduction in memory usage, particularly in cases using large message models.

Libraries created in previous versions of Integration Bus are classified as static libraries. If you use a static library to contain resources, each application that references that static library is deployed with its own private copy of that library. If a static library is updated, each application that references it must be redeployed with the updated static library.

## **Integrate publish-subscribe-based applications by using MQ Telemetry Transport messages**

MQ Telemetry Transport (MQTT) is a lightweight, publish-subscribe messaging protocol. You can now use Integration Bus to connect to applications and devices that send and receive messages using the MQTT messaging protocol.

You can create message flows to receive an MQTT message by using the MQTTSubscribe node to subscribe to one or more topics on an MQTT server. You can send an MQTT message by using the MQTTPublish node in your message flow to publish messages to a topic on an MQTT server.

## **Easily transform and model data structures with multiple new Graphical Data Map and DFDL features**

Support is provided to dynamically define user-defined elements in your message map structured data for which you do not have the XML schema. User-defined elements are useful, for example, when graphically mapping JSON data and the Local Environment tree variables folder. You can also use them when using transport headers that include extension points, such as the MQRFH2, and a SOAP or XML messages that include an xsd:any structure. Graphical data maps can use the Environment tree variable input data to a transformation.

You can also now use the Graphical Data Map Specification Language to create a message map programmatically. If you choose to use a development approach that is based on JAXB, a bindings file is also provided.

DFDL continues to be enhanced for parsing and writing non-XML data structures. Sample DFDL commercial and scientific formats are provided via a GitHub repository. These models are provided with a public license for use on any DFDL implementation and include TLOG 4690, ISO8583 (1987), ISO8583 (1993), NACHA, and HL7v2. DFDL functional enhancements include support for unordered sequences, asserts on recoverable exceptions, improved refactoring support in the DFDL editor, DFDL Model Editor Copy-Paste support, and improved validation of DFDL schema.

## **Extend the reach of the Integration Bus with file, database, and security enhancements**

Several functional improvements have been made to the core capabilities of Integration Bus when interacting with files and databases, including several security enhancements.

- The FileRead node is enhanced to support the retrieval of remote files using SFTP.
- There are new integrated security enhancements for the HTTP and SOAP nodes to use the transport-level security protocols NT LAN Manager (NTLM), Kerberos, and Simple and Protected Negotiation (SPNEGO). These protocols are collectively known as Integrated Windows Authentication (IWA).
- Support is also added for the configuration of a Microsoft SQL Server database to be used as a data store for recording and replaying data. When the database has been configured, you can select a data capture store that is configured to use an SQL Server database and view the recorded data.

## **Create new application connectors and control them by using independently managed policies**

The Connector Framework provides a simple development experience for quickly creating new connectors for the exchange of data with application endpoints.

- When creating a user-defined node, new connector framework API methods are provided. This simplifies the development experience so that connectors can be written without earlier knowledge of how Integration Bus nodes work. This approach focuses on the interactional style of the endpoint application and not on Integration Bus.

- The WebSphere MQ nodes and MQTT nodes are built on the new connector framework and can be easily administered at run time using policies. A policy defines a common approach to performing a particular action by providing a shared, managed set of properties. These configuration properties can be changed dynamically and managed independently from the multiple places where the policy is used. A policy can be attached to one or more nodes in a message flow to control their operational behavior at run time.
- Connectors can be administered using policies. A policy defines a common approach to performing a particular action by providing a shared, managed set of properties. These configuration properties can be changed dynamically and managed independently from the multiple places where the policy is used. A policy can be attached to one or more nodes in a message flow to control their operational behavior at run time.

### **Import and convert existing WebSphere Enterprise Service Bus integration assets**

Integration Bus represents the strategic IBM Enterprise Service Bus (ESB) offering and is the successor product for existing clients of both WebSphere Message Broker and WebSphere ESB.

Integration Bus provides tooling that facilitates the conversion of existing WebSphere ESB assets so they can run on Integration Bus. The tooling enables:

- WebSphere ESB Project Interchange files to be imported and viewed
- Common flow primitives to be converted automatically while maintaining the flow structure
- An understanding of remaining manual tasks through a task list
- Resulting flows to be modified and deployed

The conversion tooling is greatly enhanced beyond the extensible framework delivered in Integration Bus V9.0. It reduces the number of manual tasks required and now supports:

- Conversion of mediation modules with multiple exports and with multiple mediation flow components.
- Conversion of mediation flow components that implement multiple interfaces.
- Conversion of mediation modules which contain Java components. Java components can call Imports with a synchronous binding or other Java components.
- Conversion of mediation flow component subflows.
- Encapsulation of converted mediation flow component logic using separate subflows for operation request, response, and error flows.
- Encapsulation of converted exports, imports, and Java components within separate subflows.
- Updated documentation to reflect the latest capabilities and conceptual approach.

### **Share product extensions with the integration community, including an enhanced explorer configured to access a GitHub repository of Integration Bus patterns**

Patterns and samples are no longer included with the Integration Toolkit by default. Instead, the Pattern Explorer is configured to access a GitHub repository, from which you can select, download, and install just the resources you require. The Open Technologies for Integration GitHub repository also provides DFDL models, nodes, and connectors.

By default, the Integration Toolkit is now configured to use the online IBM Knowledge Center to provide context-sensitive help from the latest information that is available.

## **Deliver several modes of operation**

Integration Bus offers several modes of operation to licensed clients. The mode of operation may be selected at any time, subject to the purchase of license entitlement. Existing clients may select any mode of operation at deployment time and are not required to reinstall their existing Integration Bus environment to change the mode in which a node is running.

- Express<sup>(R)</sup> Edition provides an entry-level starting point to deploy an integration solution with the option to grow to full function and performance. It has restricted features and is limited to one process.
- Standard Edition offers the choice of a full-feature mode of operation, which is limited to one process, or a restricted mode of operation without capacity restrictions. This intermediate edition offers the flexibility to fulfill either broad capability or high-performance scenarios.
- Advanced Edition is the full-feature edition of Integration Bus with no function or capacity restrictions imposed. It is the default mode of operation.
- Remote Adapter Deployment Edition offers support for adapter-related features for users whose typical use of the integration nodes is integration with Enterprise Information Systems (EIS). The types of message flow nodes that you can use, and the number of integration servers that you can create, are limited.

## **WebSphere Enterprise Service Bus Transfer License**

The Integration Bus WebSphere Enterprise Service Bus Transfer License provides comparable capabilities and performance to those available in WebSphere ESB. It offers a restricted mode of operation without capacity restrictions.

## **Maximize the value of your IBM software investment**

IBM Software Subscription and Support is one of the most cost-effective ways for your business to ensure that your users have access to the latest technology. Whether you choose to upgrade and how you choose to upgrade are always up to you. You manage your upgrade cycles in the way that works best for your business. A comprehensive product upgrade and Technical Support solution, IBM Software Subscription and Support, available through IBM Passport Advantage<sup>(R)</sup> and Passport Advantage Express, delivers:

- Product upgrades
- New releases and new versions
- Phone and technical support

To download upgrades to your licensed IBM Software, sign in to Passport Advantage Online.

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

For information on the benefits of migrating to Integration Bus, visit

<http://www.ibm.com/integration-bus>

## **Accessibility by people with disabilities**

---

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

[http://www.ibm.com/able/product\\_accessibility/index.html](http://www.ibm.com/able/product_accessibility/index.html)

## **Section 508 of the US Rehabilitation Act**

---

Integration Bus V10.0 is capable as of March 27, 2015, when used in accordance with IBM's associated documentation, of satisfying the applicable requirements of Section 508 of the Rehabilitation Act, provided that any assistive technology used

with the product properly interoperates with it. A US Section 508 Voluntary Product Accessibility Template (VPAT) can be requested via IBM's website

[http://www.ibm.com/able/product\\_accessibility/index.html](http://www.ibm.com/able/product_accessibility/index.html)

---

## Product positioning

---

Integration Bus enables universal connectivity and transformation in heterogeneous IT environments for businesses of any size and any industry. It provides connectivity, universal data transformation, and visibility to the flow of business information. This eliminates point-to-point connections and batch processing, regardless of platform, protocol, or data format. It makes integration intuitive and transforms standard, non-standard, and custom data. It supports the client's choice of developer skills and tools. Integration Bus was formerly known as WebSphere Message Broker.

---

## Statement of general direction

---

IBM intends to deliver an Integration Bus offering in an IBM administered cloud environment. The Integration Bus in a cloud environment will help eliminate typical inhibitors to start Integration Bus projects, such as capital expenditures, hardware availability, and the skills for managing an Integration Bus environment. This will allow users to focus on developing solutions rather than installing, configuring, and managing software. The offering is intended to be compatible with the on-premise product. Within the constraints of a cloud environment, users can use the same development tooling for both cloud and on-premise software, and the assets that are generated can be deployed to either.

IBM's statements regarding its plans, directions, and intent are subject to change or withdrawal without notice at IBM's sole discretion. Information regarding potential future products is intended to outline our general product direction and it should not be relied on in making a purchasing decision. The information mentioned regarding potential future products is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. Information about potential future products may not be incorporated into any contract. The development, release, and timing of any future features or functionality described for our products remain at our sole discretion.

---

## Reference information

---

For information about Integration Bus for z/OS<sup>(R)</sup>, V10.0, refer to Software Announcement [215-071](#), dated February 17, 2015.

For information about WebSphere MQ, V8.0, refer to Software Announcement [214-177](#), dated April 22, 2014.



---

## Availability of national languages

---

Description	Availability date	Language
IBM Integration Bus V10.0	March 27, 2015	Multilingual: Chinese-Simplified, Chinese-Traditional, US English, French, German, Italian, Japanese, Korean, Polish, Portuguese Brazilian, Russian, Spanish, Turkish

---

## Program number

---

Program number	VRM	Program name
5724-J05	10.0.0	IBM Integration Bus

---

## Education support

---

The following core training offerings that were previously available for WebSphere Message Broker and Integration Bus are updated for Integration Bus V10. These courses are offered worldwide by the authorized IBM Global Training Providers. Many of the skills learned in these courses are appropriate for both distributed platforms and z/OS. However, student labs are performed on a distributed platform in most countries.

- IBM Integration Bus System Administration

In this four-day course, you learn how to administer Integration Bus on distributed operating systems, such as Windows™ and AIX<sup>(R)</sup>, by using the Integration Bus administrative interfaces. These interfaces include the Integration web console and Integration Bus command interface. Topics that are covered in the course include initial product installation and maintenance, environment configuration, and basic administrative tasks, such as backing up and recovering the environment. You learn how to conduct product requirements planning, problem determination and resolution, and performance monitoring and tuning. You also learn techniques for extending the capabilities of Integration Bus with publish-subscribe, Java Message Service (JMS), and web services. Lab exercises provide hands-on experience with Integration Bus administrative tasks, such as managing Integration Bus runtime components, monitoring message flow applications, and configuring security. The lab environment for this course uses the Windows platform.

- IBM Integration Bus Application Development I

In this five-day course, you learn how to use Integration Bus to develop, deploy, and support platform-independent message flow applications. These applications use various messaging topologies to transport messages between service requesters and service providers, and also allow the messages to be routed, transformed, and enriched during processing. The course explores message flow problem determination, with an emphasis on identifying and recovering from errors in message flows. You learn how to construct message flows that use extended Structured Query Language (ESQL), Java, and the IBM Graphical Data Mapping editor to transform messages. This course also explores how to control the flow of messages by using various messages during processing. You review various messaging transports at a high level and gain a basic understanding of how message flows can use web services, Java Message Service (JMS), and other transport mechanisms. Finally, you explore how to extend Integration Bus by using adapters and other IBM products. Throughout the course, hands-on lab exercises allow you to practice the skills and concepts that are presented in

lectures. The hands-on labs cover topics such as creating and testing message flows, message modeling, problem determination, and error handling.

- IBM Integration Bus Application Development II

This four-day course provides an intermediate-level continuation of the topics necessary to successfully create and support Integration Bus message flow applications. This course helps complete your knowledge of the Integration Bus product, focusing on using Integration Bus to develop, deploy, and support platform-independent message flow applications. These applications use various messaging topologies to transport messages between service requesters and service providers, and also allow the messages to be routed, transformed, and enriched during processing. Topics in this course include writing message flows that use web services, integration services, working with JMS transports, and aggregating messages from multiple sources. You can also learn how to use DFDL to model complex data and how to define and implement a database service and a WebSphere MQ service. You learn how to develop, test, and deploy user-defined patterns and use event monitoring and the record and replay to capture and view messages during processing. Extensive labs throughout the course allow you to practice your new skills.

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

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

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

---

## Offering Information

---

Product information is available via the Offering Information website

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

Also, visit the Passport Advantage<sup>(R)</sup> website

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

---

## Publications

---

*A Quick Start Guide* is provided with this program.

Online product documentation is integrated within the product and is also supplied on the Quick Start DVD.

To access Knowledge Center and information about Integration Bus documentation, visit

<http://www.ibm.com/software/integration/integration-bus-family/library/>

The IBM Publications Center portal is located at

<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. A large number of publications are available online in various file formats, and they can all be downloaded by all countries.

---

## Services

---

### Software Services

---

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

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

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

---

## Technical information

---

### Specified operating environment

---

#### *Hardware requirements*

Integration Bus V10.0 delivers to 64-bit operating systems on the following hardware:

#### **IBM AIX**

- IBM Power<sup>(R)</sup> systems only that are capable of running the required level of a compatible operating system with enough storage to meet the requirements of Integration Bus.
- Any hardware that is capable of running other trademarked AIX systems or other vendors that have passed a set of certification test for compliance with AIX application binary and programming interfaces.

#### **HP-UX on Itanium<sup>™</sup>**

Itanium systems. Any hardware that is explicitly compatible and fully capable of running the specified operating system, all the corresponding supporting software shown in the [Software requirements](#) section below, and any associated applications unmodified.

#### **Linux<sup>™</sup> on IBM Power**

IBM Power processor-based systems only that is capable of running the required level of a compatible operating system with enough storage to meet the requirements of Integration Bus.

#### **Linux on x86-64**

AMD64 and EM64T technology-compatible PC hardware that is capable of running the required level of a compatible operating system with enough storage to meet the requirements of Integration Bus.

#### **Linux on z System**

Any server capable of running one of the Linux for z System releases listed in the [Software requirements](#) section.

#### **Solaris on x86-64**

AMD64, EM64T, and compatible processors. Any hardware that is explicitly compatible and fully capable of running the specified operating system. All the

corresponding supporting software shown in the Software requirements topic and any associated applications unmodified.

### **Solaris on SPARC**

Sun Microsystems SPARC processor machines.

### **Microsoft™ Windows**

Windows x86-64 technology-compatible PC hardware that is capable of running the required level of a compatible operating system with enough storage to meet the requirements of Integration Bus.

For the latest information, visit

<http://www.ibm.com/integration-bus>

### **Software requirements**

Integration Bus V10.0 delivers to the following 64-bit operating systems:

#### **AIX**

- AIX 6.1 (Technology Level 9)
- AIX 7.1 (Technology Level 3)

#### **HP-UX on Itanium**

- HP-UX 11i V3 (plus PHCO\_38048, PHSS 42980, and PHSS 41496) for Itanium

#### **Linux on IBM Power**

- Red Hat Enterprise Linux AS V6
- SUSE Linux Enterprise Server (SLES) 11

#### **Linux on x86-64**

- Red Hat Enterprise Linux AS V6
- SUSE Linux Enterprise Server (SLES) 11
- Ubuntu 12.04
- Ubuntu 14.04

#### **Linux on z Systems**

- Red Hat Enterprise Linux AS V6
- SUSE Linux Enterprise Server (SLES) 11

#### **Solaris on SPARC**

- Solaris 10
- Solaris 11

#### **Solaris on x86-64**

- Solaris 10
- Solaris 11

#### **Microsoft Windows x86-64**

- Windows Server 2008 R2 Standard and Enterprise Edition
- Windows 7 Professional, Enterprise, and Ultimate Edition
- Windows 8.1 Basic, Professional, and Enterprise Editions

- Windows 2012 R2, Datacentre and Standard Edition

For detailed requirements for all editions of Integration Bus, visit

<http://www.ibm.com/integration-bus>

**Note:** Before installing any new products, ensure that you review your current Preventative Service Planning (PSP) information.

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.

### **Limitations**

For additional information, refer to [Usage restriction](#) topic in the [Terms and conditions](#) section of this announcement, or to the license information document that is available on the IBM Software License Agreement website

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

### **Planning information**

---

#### **Packaging**

Integration Bus is available by electronic distribution (downloads) or as a physical media pack (DVDs). The program contains:

- Integration Bus for multiplatforms: AIX, Solaris on SPARC, Solaris on x86-64, Linux on z Systems, Linux on Power, HP-UX on Itanium, Microsoft Windows on x86-64, and Linux on x86-64
- WebSphere MQ V8.0
- Integration Bus V10.0 Quick Start Guide

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

---

### **Ordering information**

---

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

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

For more information about IBM Software Value Plus, visit

[http://www.ibm.com/partnerworld/page/svp\\_authorized\\_portfolio](http://www.ibm.com/partnerworld/page/svp_authorized_portfolio)

To locate IBM Business Partners for Software Value Plus in your geography for a specific Software Value Plus portfolio, visit

<http://www.ibm.com/partnerworld/wps/bplocator/>

Product Group: WebSphere

Product: IBM Integration Bus V10.0

Product Category: Application and Integration Middleware

The program in this announcement has Value Unit-Based pricing.

<b>Program number</b>	<b>Program name</b>	<b>Value Unit exhibit</b>
5724-J05	IBM Integration Bus V10.0	Processor Value Unit

For each z System IPLA program with Value Unit pricing, the quantity of that program needed to satisfy applicable IBM terms and conditions is referred to as the **required license capacity**. Your required license capacity is based upon the following factors:

- The z system IPLA program you select
- The applicable Value Unit Exhibit
- The applicable terms
- Whether your current mainframes are full capacity or sub-capacity

### **Passport Advantage**

Here is a list of the part numbers for Integration Bus V10.0 (5724-J05).

<b>Program name/Description</b>	<b>Part number</b>
<b>Integration Bus</b>	
Per Processor Value Unit	
License + Software S&S 12 months	D56P3LL
Annual Software S&S Renewal 12 months	E02AULL
Software S&S Reinstatement 12 months	D56P4LL
<b>Integration Bus Idle Standby</b>	
Per Processor Value Unit	
License + Software S&S 12 months	D0GH4LL
Annual Software S&S Renewal 12 months	E0AM0LL
Software S&S Reinstatement 12 months	D0GH5LL
<b>Integration Bus Standard Edition</b>	
Per Processor Value Unit	
License + Software S&S 12 months	D03S0LL
Annual Software S&S Renewal 12 months	E04NRLL
Software S&S Reinstatement 12 months	D03S1LL
<b>Integration Bus Standard Edition Idle Standby</b>	
Per Processor Value Unit	
License + Software S&S 12 months	D0GG5LL
Annual Software S&S Renewal 12 months	E0ALMLL
Software S&S Reinstatement 12 months	D0GG6LL
<b>Integration Bus Remote Adapter Deployment</b>	
Per Processor Value Unit	
License + Software S&S 12 months	D03S2LL
Annual Software S&S Renewal 12 months	E04NSLL
Software S&S Reinstatement 12 months	D03S3LL

<b>Program name/Description</b>	<b>Part number</b>
<b>Integration Bus Remote Adapter Deployment Idle Standby</b>	
Per Processor Value Unit	
License + Software S&S 12 months	D0FWLL
Annual Software S&S Renewal 12 months	E0AMGLL
Software S&S Reinstatement 12 months	D0GHXLL
<b>Integration Bus Express<sup>(R)</sup> Edition</b>	
Per Processor Value Unit	
License + Software S&S 12 months	D0L5KLL
Annual Software S&S Renewal 12 months	E0CR5LL
Software S&S Reinstatement 12 months	D0L5LLL
<b>Integration Bus WebSphere Enterprise Service Bus Transfer License</b>	
Per Processor Value Unit	
License + Software S&S 12 months	D0WE0LL
Annual Software S&S Renewal 12 months	E0FXVLL
Software S&S Reinstatement 12 months	D0WE1LL
<b>Integration Bus WebSphere Enterprise Service Bus Transfer License Idle Standby</b>	
Per Processor Value Unit	
License + Software S&S 12 months	D0WG4LL
Annual Software S&S Renewal 12 months	E0FZBLL
Software S&S Reinstatement 12 months	D0WG5LL
<b>Program media</b>	
<b>Part number</b>	
Integration Bus V10.0 Media Pack - Multiplatform, Multilingual	BA19KML

### Passport Advantage trade-up products and part numbers

You must have previously acquired licenses for the following precursor products to be eligible to acquire equivalent licenses of the trade-up products.

<b>Precursor product</b>	<b>Trade-up product</b>	<b>Trade-up part number</b>
Integration Bus Standard Edition PVU	Integration Bus Trade-up PVU License + SW S&S 12 Months	D03PWLL
Integration Bus Standard Edition for zEnterprise <sup>(R)</sup> BladeCenter Extension Linux on System z <sup>(R)</sup>	Integration Bus Standard Edition for zEnterprise BladeCenter Extension Linux on z Systems Trade-up PVU License + SW S&S 12 Months	D03PVLL
Qualified Competitor for zEnterprise BladeCenter Extension Linux on System z	Integration Bus for zEnterprise BladeCenter Extension Linux on z System Trade-up PVU License + SW S&S 12 Months	D61T5LL
Qualified Competitor PVU	Integration Bus Trade-up PVU License + SW S&S 12 Months	D61T4LL
Integration Bus Standard Edition Idle Standby PVU	Integration Bus Idle Standby Trade-up PVU License + SW S&S 12 Months	D0GH6LL

<b>Precursor product</b>	<b>Trade-up product</b>	<b>Trade-up part number</b>
Integration Bus Standard Edition Idle Standby PVU for Linux on System z	Integration Bus Idle Standby for Linux on z System Trade-up PVU License + SW S&S 12 Months	D0GH3LL
Integration Bus	Integration Bus Hypervisor Edition for Red Hat Enterprise Linux Server for x86 Trade-up PVU License + SW S&S 12 Months	D0GEELL
Integration Bus	Integration Bus Hypervisor Edition for IBM AIX Trade-up PVU License + SW S&S 12 Months	D0LEULL
Integration Bus WebSphere Enterprise Service Bus Transfer License	Integration Bus PVU License + SW S&S 12 Months	D0WGGLL
Integration Bus WebSphere Enterprise Service Bus Transfer License for Linux on System z	Integration Bus PVU Linux on z System License + SW S&S 12 Months	D0WGHLL
Integration Bus WebSphere Enterprise Service Bus Transfer License Idle Standby	Integration Bus Idle Standby PVU License + SW S&S 12 Months	D0WGILL
Integration Bus WebSphere Enterprise Service Bus Transfer License Idle Standby Linux on System z	Integration Bus Idle Standby PVU Linux on z System License + SW S&S 12 Months	D0WGJLL

Customers must have current active Software Subscription and Support in place for all of the licenses that will be given up by the use of the trade-up parts. Those customers with lapsed support need to reinstate their S&S contracts to be eligible for trade-ups.

Consult your IBM representative if you have any questions.

#### **Passport Advantage customer: Media pack entitlement details**

Customers with active maintenance or subscription for the product listed are entitled to receive the corresponding media pack.

<b>Media pack description</b>	<b>Part number</b>
Integration Bus V10.0 (Multiplatform, Multilingual)	BA19KML



**Cross-platform product for use on z Systems Integrated Facility for Linux (IFL) engines or zEnterprise BladeCenter Extension**

Order the part numbers that follow when the product is intended to run on zEnterprise BladeCenter Extension or the Linux operating system on z Systems IFL engines. If the product is not intended to run in these environments, order from the other set of part numbers in this announcement. This set of part numbers provides the identical supply and authorization as the other set in this announcement.

<b>Program name/Description</b>	<b>Part number</b>
<b>Integration Bus</b>	
Per Processor Value Unit	
for zEnterprise BladeCenter Extension and Linux on System z License + Software S&S 12 mo	D56MWLL
for zEnterprise BladeCenter Extension and Linux on System z Annual Software S&S Renewal 12 mo	E02AGLL
for zEnterprise BladeCenter Extension and Linux on System z Software S&S reinstatement 12 mo	D56MXLL
<b>Integration Bus Idle Standby</b>	
Per Processor Value Unit	
Linux on System z License + Software S&S 12 mo	D0GH1LL
Linux on System z Annual Software S&S Renewal 12 mo	E0ALZLL
Linux on System z Software S&S reinstatement 12 mo	D0GH2LL
<b>Integration Bus Standard Edition</b>	
Per Processor Value Unit	
for zEnterprise BladeCenter Extension and Linux on System z License + Software S&S 12 mo	D03S4LL
for zEnterprise BladeCenter Extension and Linux on System z Annual Software S&S Renewal 12 mo	E04NTLL
for zEnterprise BladeCenter Extension and Linux on System z Software S&S reinstatement 12 mo	D03S5LL
<b>Integration Bus Standard Edition Idle Standby</b>	
Per Processor Value Unit	
Linux on System z License + Software S&S 12 mo	D0GG3LL
Linux on System z Annual Software S&S Renewal 12 mo	E0ALLLL
Linux on System z Software S&S reinstatement 12 mo	D0GG4LL
<b>Integration Bus Remote Adapter Deployment</b>	
Per Processor Value Unit	
for zEnterprise BladeCenter Extension and Linux on System z License + Software S&S 12 mo	D0BLZLL
for zEnterprise BladeCenter Extension and Linux on System z Annual Software S&S Renewal 12 mo	E084WLL
for zEnterprise BladeCenter Extension and Linux on System z Software S&S reinstatement 12 mo	D0BM0LL

<b>Program name/Description</b>	<b>Part number</b>
<b>Integration Bus Remote Adapter Deployment Idle Standby</b>	
Per Processor Value Unit	
Linux on System z License + Software S&S 12 mo	D0GHSL
Linux on System z Annual Software S&S Renewal 12 mo	E0AMDLL
Linux on System z Software S&S reinstatement 12 mo	D0GHTLL
<b>Integration Bus Express Edition</b>	
Per Processor Value Unit	
Linux on System z License + Software S&S 12 mo	D0L63LL
Linux on System z Annual Software S&S Renewal 12 mo	E0CR9LL
Linux on System z Software S&S reinstatement 12 mo	D0L64LL
<b>Integration Bus WebSphere Enterprise Service Bus Transfer License</b>	
Per Processor Value Unit	
Linux on System z License + Software S&S 12 mo	D0WG2LL
Linux on System z Annual Software S&S Renewal	E0FZALL
Linux on System z Software S&S reinstatement 12 mo	D0WG3LL
Idle Standby per Processor Value Unit	
Linux on System z License + Software S&S 12 mo	D0WG6LL
Linux on System z Annual Software S&S Renewal	E0FZCLL
Linux on System z Software S&S reinstatement 12 mo	D0WG7LL

### Charge metric

<b>Program name</b>	<b>Part number or PID number</b>	<b>Charge metric</b>
Integration Bus V10.0	5724-J05	Processor value unit

### Processor Value Unit (PVU)

PVU is a unit of measure by which the program can be licensed. The number of PVU entitlements required is based on the processor technology (defined within the PVU table by processor value, brand, type, and model number at the website below) and the number of processors made available to the program. IBM continues to define a processor, for the purpose of PVU-based licensing, to be each processor core on a chip. A dual-core processor chip, for example, has two processor cores. The PVU table can be found at

[http://www.ibm.com/software/lotus/passportadvantage/pvu\\_licensing\\_for\\_customers.html](http://www.ibm.com/software/lotus/passportadvantage/pvu_licensing_for_customers.html)

Licensee can deploy the program using either full capacity licensing or virtualization capacity (sub-capacity) licensing according to the Passport Advantage Sub-Capacity Licensing Terms (refer to the web page below). If using full capacity licensing, licensee must obtain PVU entitlements sufficient to cover all activated processor cores\* in the physical hardware environment made available to or managed by the program, except for those servers from which the program has been permanently removed.

If using virtualization capacity licensing, licensee must obtain entitlements sufficient to cover all activated processor cores made available to or managed by the program, as defined according to the Virtualization Capacity License Counting Rules at

[http://www.ibm.com/software/lotus/passportadvantage/Counting\\_Software\\_licenses\\_using\\_specific\\_virtualization\\_technologies.html](http://www.ibm.com/software/lotus/passportadvantage/Counting_Software_licenses_using_specific_virtualization_technologies.html)

\* An activated processor core is a processor core that is available for use in a physical or virtual server, regardless of whether the capacity of the processor core can be or is limited through virtualization technologies, operating system commands, BIOS settings, or similar restrictions.

## Notes

- Some programs may require licenses for the program **and** what is being managed. In that case, the following applies. In addition to the entitlements required for the program directly, licensee must obtain PVU entitlements for this program sufficient to cover the processor cores managed by the program.
- Some programs may be licensed on a managed basis only. In that case, the following applies. Instead of the entitlements required for the program directly, licensee must obtain PVU entitlements for this program sufficient to cover the processor cores managed by the program.
- A few programs on an exception basis may be licensed on a referenced basis. In that case, the following applies. Rather than obtaining entitlements for the activated processor cores available to the program, licensee must obtain PVU entitlements for this program sufficient to cover the environment made available to the referenced program as if the program itself were executing everywhere the referenced program was executing, independent of the basis on which the referenced program is licensed.

## On/Off Capacity on Demand (CoD)

---

Part number	Description
ASQW1LL	Integration Bus per processor day On/Off CoD temp use charge

---

## Terms and conditions

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

This product is only available via Passport Advantage.

## Licensing

---

IBM International Program License Agreement including the License Information document and Proof of Entitlement (PoE) govern your use of the program. PoEs are required for all authorized use. Part number products only, offered outside of Passport Advantage, where applicable, are license only and do not include Software Maintenance.

## Agreement for Acquisition of Software Maintenance

---

This program is licensed under the IBM Program License Agreement (IPLA) and the associated Agreement for Acquisition of Software Maintenance, which provide for support with ongoing access to releases and versions of the program. IBM includes one year of Software Subscription and Support (also referred to as Software Maintenance) with the initial license acquisition of each program acquired. The initial period of Software Subscription and Support (also referred to as Software

Maintenance) can be extended by the purchase of a renewal option, if available. This program has a one-time license charge for use of the program and an annual renewable charge for the enhanced support that includes telephone assistance (voice support for defects during normal business hours), as well as access to updates, releases, and versions of the program as long as support is in effect.

### **License Information number**

---

L-ACRR-9G2EN9

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

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

### **Limited warranty applies**

---

Yes

### **Limited warranty**

---

IBM warrants that when the program is used in the specified operating environment, it will conform to its specifications. The warranty applies only to the unmodified portion of the program. IBM does not warrant uninterrupted or error-free operation of the program or that IBM will correct all program defects. You are responsible for the results obtained from the use of the program.

IBM provides you with access to IBM databases containing information on known program defects, defect corrections, restrictions, and bypasses at no additional charge. For further information, consult the IBM Software Support Handbook found at

<http://www.ibm.com/support/handbook>

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

### **Program technical support**

---

Technical support of a program product version or release will be available for a minimum of five years from the general availability date, as long as your Software Subscription and Support (also referred to as Software Maintenance) is in effect.

This technical support allows you to obtain assistance (via telephone or electronic means) from IBM for product-specific, task-oriented questions regarding the installation and operation of the program product. Software Subscription and Support (Software Maintenance) also provides you with access to updates (modifications or fixes), releases, and versions of the program. You will be notified, via announcement letter, of discontinuance of support with 12 months' notice. If you require additional technical support from IBM, including an extension of support beyond the discontinuance date, contact your IBM representative or IBM Business Partner. This extension may be available for a fee.

### **Money-back guarantee**

---

If for any reason you are dissatisfied with the program and you are the original licensee, you may obtain a refund of the amount you paid for it, if within 30 days of your invoice date you return the program and its PoE to the party from whom you obtained it. If you downloaded the program, you may contact the party from whom you acquired it for instructions on how to obtain the refund.

For clarification, note that (1) for programs acquired under the IBM International Passport Advantage offering, this term applies only to your first acquisition of the program and (2) for programs acquired under any of IBM's On/Off Capacity on

Demand (On/Off CoD) software offerings, this term does not apply since these offerings apply to programs already acquired and in use by you.

### **Volume orders (IVO)**

---

No

### **Passport Advantage applies**

---

Yes, and through the Passport Advantage website at

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

### **Usage restriction**

---

Yes

For additional information, refer to the License Information document that is available on the IBM Software License Agreement website

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

### **Software Subscription and Support applies**

---

Yes. Software Subscription and Support (also referred to as Software Maintenance) is included with licenses purchased through Passport Advantage and Passport Advantage Express<sup>(R)</sup>. Product upgrades and Technical Support are provided by the Software Subscription and Support offering as described in the Agreements. Product upgrades provide the latest versions and releases to entitled software and Technical Support provides voice and electronic access to IBM support organizations, worldwide.

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

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

<http://www.ibm.com/support/handbook>

Software Subscription and Support does not include assistance for the design and development of applications, your use of programs in other than their specified operating environment, or failures caused by products for which IBM is not responsible under the applicable agreements.

For additional information about the International Passport Advantage Agreement and the IBM International Passport Advantage Express Agreement, visit the Passport Advantage website at

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

### **IBM Operational Support Services - SoftwareXcel**

---

No

### **System i Software Maintenance applies**

---

No

### **Variable charges apply**

---

No

### **Educational allowance available**

---

Not applicable.

### **On/Off CoD**

---

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

---

## **Statement of good security practices**

---

IT system security involves protecting systems and information through prevention, detection, and response to improper access from within and outside your enterprise. Improper access can result in information being altered, destroyed, or misappropriated or can result in misuse of your systems to attack others. Without a comprehensive approach to security, no IT system or product should be considered completely secure and no single product or security measure can be completely effective in preventing improper access. IBM systems and products are designed to be part of a comprehensive security approach, which will necessarily involve additional operational procedures, and may require other systems, products, or services to be most effective. IBM does not warrant that systems and products are immune from the malicious or illegal conduct of any party.

---

## **Prices**

---

For current prices, visit

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

### **Passport Advantage**

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

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

### **IBM Global Financing**

---

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

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

IBM Global Financing offerings are provided through IBM Credit LLC in the United States, and other IBM subsidiaries and divisions worldwide to qualified commercial and government customers. Rates are based on a customer's credit rating, financing terms, offering type, equipment type, and options, and may vary by country. Other restrictions may apply. Rates and offerings are subject to change, extension, or withdrawal without notice.

Financing from IBM Global Financing helps you preserve cash and credit lines, enables more technology acquisition within current budget limits, permits accelerated implementation of economically attractive new technologies, offers payment and term flexibility, and can help match project costs to projected benefits. Financing is available worldwide for credit-qualified customers.

For more financing information, visit

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

---

## Order now

---

To order, contact your Americas Call Centers, local IBM representative, or your IBM Business Partner. To identify your local IBM representative or IBM Business Partner call 800-IBM-4YOU (426-4968). For more information, contact the Americas Call Centers.

Phone: 800-IBM-CALL (426-2255)

Fax: 800-2IBM-FAX (242-6329)

For IBM representative: [callserv@ca.ibm.com](mailto:callserv@ca.ibm.com)

For IBM Business Partner: [pwcs@us.ibm.com](mailto:pwcs@us.ibm.com)

### Mail:

IBM Teleweb Customer Support  
ibm.com<sup>(R)</sup> Sales Execution Center, Americas North  
3500 Steeles Ave. East, Tower 3/4  
Markham, Ontario  
Canada L3R 2Z1

### Reference: YE001

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

**Note:** Shipments will begin after the planned availability date.

### IBM Software Value Plus

These products are available under IBM Software Value Plus, either directly from IBM or through authorized Business Partners who invest in skills and high-value solutions. IBM customers may benefit from the industry-specific or horizontal solutions, skills, and expertise provided by these Business Partners.

Additions to Software Value Plus will be communicated through standard product announcements. For a current list of IBM software available under Software Value Plus, visit

[http://www.ibm.com/partnerworld/page/svp\\_authorized\\_portfolio\\_criteria](http://www.ibm.com/partnerworld/page/svp_authorized_portfolio_criteria)

For questions regarding Software Value Plus, visit

[http://www.ibm.com/partnerworld/page/svp\\_authorized\\_portfolio\\_contacts](http://www.ibm.com/partnerworld/page/svp_authorized_portfolio_contacts)

### Trademarks

IBM, WebSphere, Passport Advantage, System i, Express, z/OS, AIX, Power, zEnterprise, System z, iSeries and ibm.com are registered trademarks of IBM Corporation in the United States, other countries, or both.  
Microsoft and Windows are trademarks of Microsoft Corporation in the United States, other countries, or both.  
Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.  
Oracle and Java are trademarks of Oracle and/or its affiliates in the United States, other countries, or both.  
Itanium is a trademark of Intel Corporation or its subsidiaries in the United States and other countries.  
Other company, product, and service names may be trademarks or service marks of others.

### **Terms of use**

IBM products and services which are announced and available in your country can be ordered under the applicable standard agreements, terms, conditions, and prices in effect at the time. IBM reserves the right to modify or withdraw this announcement at any time without notice. This announcement is provided for your information only. Additional terms of use are located at:

[Terms of use](#)

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

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

---

## **Corrections**

---

### **(Corrected on May 6, 2015)**

The Software requirements section is revised.