



IBM InfoSphere BigInsights Enterprise Edition V2.1 delivers enterprise Hadoop capabilities

Table of contents

1 Overview	6 Technical information
2 Key prerequisites	8 Ordering information
2 Planned availability date	16 Terms and conditions
2 Description	18 Prices
5 Program number	18 Order now
6 Publications	

At a glance

IBM® InfoSphere® BigInsights™ Enterprise Edition V2.1 is an analytics platform that enables analysis of a wide variety of unconventional information types and formats at large-scale volumes, without up-front preprocessing.

With BigInsights V2.1, you get Big SQL, which is a SQL interface for accessing data in Hadoop; high availability that eliminates administrator intervention and reduces downtime; and General Parallel File System - File Placement Optimizer (GPFS-FPO) support, which is an alternative file system to HDFS that brings Portable Operating System Interface (POSIX) compliance and no single point of failure. BigInsights V2.1 also delivers enhancements to the Social Data Analytics Accelerator and the Machine Data Analytics Accelerator that were introduced in V2.0, and it broadens the BigSheets data discovery capability on unstructured text.

For ordering, contact your IBM representative, an IBM Business Partner, or IBM Americas Call Centers at 800-IBM-CALL.

Reference: YE001

Overview

IBM InfoSphere BigInsights Enterprise Edition V2.1 (referred to as BigInsights) adds capabilities for enterprise class Hadoop deployments. By building on top of Apache Hadoop, BigInsights delivers features and capabilities enabling all roles within an organization to collaboratively leverage big data. Its easy-to-use analytic tools and visualization capabilities allow business analysts and data scientists to have powerful insights at their fingertips. Rich developer tools make it easier than ever for developers to create new applications and detailed algorithms in response to user and business requirements. Complete administration and management capabilities allow administrators to secure, manage, and optimize data access and analytic operations.

IBM InfoSphere BigInsights Enterprise Edition V2.1 provides several new features that enhance functionality and consumability:

- Provides extensive new capabilities by offering SQL access to data stored in BigInsights through Big SQL.
- Delivers High Availability NameNode failover that is seamless, automatic, and transparent.
- Introduces General Parallel File System - File Placement Optimizer, (GPFS-FPO) an enterprise grade Portable Operating System Interface (POSIX) compliant

file system that enhances how data is accessed and stored in BigInsights and removes the single point of failure.

- Provides enhancements to the Social Data Analytics Accelerator and the Machine Data Analytics Accelerator that were introduced in V2.0.
- Strengthens BigSheets data discovery capability on unstructured text with new built-in functions that extract data from text directly from within BigSheets.
- Adds IBM InfoSphere BigInsights Quick Start Edition that is a free of charge, downloadable, nonproduction version of BigInsights .

More detailed information about the new features are available in the [Description](#) section of this announcement.

Key prerequisites

For details, refer to the [Hardware requirements](#) and [Software requirements](#) sections.

Planned availability date

June 14, 2013: Electronic availability

July 5, 2013: Media availability

Description

IBM InfoSphere BigInsights Enterprise Edition V2.1 delivers enterprise Hadoop capabilities with easy-to-use administration and management capabilities, rich developer tools, powerful analytic functions, and stable up-to-date versions of Apache Hadoop and associated projects.

IBM InfoSphere BigInsights Enterprise Edition V2.1 provides several new features that enhance functionality and consumability.

New capabilities

- **Big SQL**

Big SQL adds a new SQL interface for BigInsights . Big SQL is a native SQL query engine that enables SQL access to data stored in BigInsights . It comes with a standards compliant Java™ Database Connectivity (JDBC) and Open Database Connectivity (ODBC) driver, and supports a rich SQL syntax.

This allows new users to leverage their existing SQL skills and immediately apply them in a big data environment, querying data in BigInsights the same way they are querying data from their database applications. Big SQL leverages MapReduce parallelism for complex data sets and bypasses MapReduce for low latency queries (for example, sub-second HBase queries).

- **General Parallel File System - File Placement Optimizer (GPFS-FPO) an enterprise grade Portable Operating System Interface (POSIX) compliant file system**

This new capability provides enterprise-class distributed file system support that is POSIX compliant. GPFS-FPO brings already proven big data distributed file system capabilities to the Hadoop and MapReduce environment. GPFS-FPO's distributed metadata feature eliminates any single point of failure in the file system.

As you move from the sandbox to integrated rollout, your Hadoop application has to deal with files that may reside on different systems, with different operating systems and quite possibly different applications in addition to MapReduce. With full POSIX compliance support, and the ability to work with more traditional applications requiring read/write capabilities, GPFS-FPO

provides greater value that can be highly leveraged for all of your file-based analytics requirements.

- **Hadoop Distributed File System (HDFS) NameNode high availability**

BigInsights V2.1 delivers availability as standard with NameNode failover that is seamless, automatic, and transparent.

HDFS NameNode is the central gatekeeper for HDFS operations and metadata management for HDFS clients and DataNodes. It maintains metadata of HDFS for file and directory listing, security, file, and data blocks mapping locations to facilitate the data transfer between the HDFS client and DataNodes. In case of NameNode failures, the NameNode process becomes a single point of failure of the cluster, and it requires administrator's intervention and possibly long downtimes until recovery.

The NameNode high availability solution in BigInsights V2.1 detects NameNode failures and performs automatic failover to a standby node, eliminating the need for administrator intervention and drastically improves system availability. The failover is seamless to HDFS clients and DataNodes.

- **Enhanced data discovery capabilities**

With a familiar spreadsheet-like interface, BigSheets provides web-based analysis and visualization for BigInsights users. It helps to analyze large amounts of data in an innovative and easy-to-use way, and helps to design and manage long running data collection jobs. Version 2.1 broadens BigSheets data discovery capability on unstructured text by providing more than 10 built-in functions to extract names, addresses, organizations, email, locations, and phone numbers.

- **Open source updates**

- Easily upgrade existing HDFS deployments to BigInsights V2.1 while preserving existing data.
- Update to open source component levels using:
 - Hadoop 1.1.1
 - HBase 0.94.3
 - Hive 0.9.0
 - HCatalog 0.4.0
 - Pig 0.10.0
 - Zookeeper 3.4.5
 - Oozie 3.2.0
 - Avro 1.7.2
 - Flume 1.3.0
 - Sqoop 1.4.2
 - Chukwa 0.5.0

- **Application accelerators**

The **Machine Data Analytics Accelerator** enables you to analyze various types of machine data to gain operational efficiency and to gain business insights. It provides the ability to ingest, parse, and extract various types of machine data. It can then analyze the data to generate insights such as usage, patterns, and correlations. It provides faceted search capability to easily find and navigate through large volumes of machine data. It also supports visualization of the data and the results of the analysis.

Version 2.1 introduces a new configuration UI that enables an easy and intuitive way to perform the workflow configuration and improves the time to value significantly. It also expands the data sources for Machine Data Analytics Accelerator to support BigInsights and Hadoop logs providing the capability to integrate and analyze Hadoop logs.

The **Social Data Analytics Accelerator** enables you to analyze various types of social media data to gain key insights to support business intelligence. It can capture key consumer and business intelligence such as sentiment, purchase intent, product and service ownership as well as key micro-segmentation attributes such as gender, location, parental status, marital status, employment,

interests, current customer of, products owned, and product interest. These attributes can then be leveraged to build applications such as lead generation, customer retention and churn reduction, customer acquisition, and targeted marketing campaigns.

Version 2.1 provides key enhancements to improve the scalability and significantly improve performance. Users can now add dictionary terms dynamically to enhance their analysis results. Real time and batch indexing of results can now be done using IBM InfoSphere Data Explorer.

- **Enhanced enterprise integration**

- **InfoSphere Data Explorer:** InfoSphere BigInsights includes a limited-use license for the included InfoSphere Data Explorer program, which helps organizations discover, navigate, and visualize vast amounts of structured and unstructured information across many enterprise systems and data repositories. It also provides a cost-effective and efficient entry point for exploring the value of big data technologies through a powerful framework for developing applications that leverage existing enterprise data.
- **IBM InfoSphere Streams:** InfoSphere BigInsights includes a limited-use license for the included InfoSphere Streams program, which enables real-time, continuous analysis of data on the fly. Streams is an enterprise-class stream processing system that can be used to extract actionable insights from data as it arrives in the enterprise while transforming data and ingesting it into BigInsights at high speeds.
- **IBM Cognos® Business Intelligence:** InfoSphere BigInsights includes a limited-use license for the included Cognos Business Intelligence program, which enables business users to access and analyze the information they need to improve decision making, gain better insight, and manage performance. Cognos Business Intelligence includes software for query, reporting, analysis, and dashboards, as well as software to gather and organize information from multiple sources.
- An updater available on Fix Central enables connectivity through the BigInsights Big SQL interface. Big SQL increases the opportunity for query processing to occur closer to the data and reduce the amount of data returned to Cognos Business Intelligence. This can drastically reduce user wait times in comparison to Hive.

IBM InfoSphere BigInsights Quick Start Edition

With InfoSphere BigInsights V2.1, we also introduce the new IBM InfoSphere BigInsights Quick Start Edition.

InfoSphere BigInsights Quick Start Edition V2.1 is a free of charge, downloadable, nonproduction version of InfoSphere BigInsights . The Quick Start Edition includes the features of Enterprise Edition with the exception of the following:

- Production support
- Production-ready features such as high availability and GPFS™ File Placement Optimizer
- Application accelerators (Machine Data Analytics Accelerator and Machine Data Analytics Accelerator)
- Software bundles (IBM InfoSphere Streams, IBM InfoSphere Data Explorer, and Cognos Business Intelligence)

So that developers and experimenters can work with different use cases and larger sets of data, there is no data capacity or time limitation in the Quick Start Edition.

It is available for download on the IBM product pages.

<http://www.ibm.com/software/data/infosphere/biginsights>

InfoSphere BigInsights is a key part of the IBM big data platform

InfoSphere BigInsights is a key part of the IBM big data platform and can be used with other IBM products for advanced analytics and a more comprehensive information management strategy. It lets you combine traditional data warehouse

analysis with dynamic insights from unstructured, semi-structured, and structured data. InfoSphere BigInsights allows you to analyze all your data, giving you a more complete view of the business.

Combined with the IBM warehouse offerings (IBM PureData™ System for Analytics, IBM PureData System for Operational Analytics, or IBM InfoSphere Warehouse), InfoSphere BigInsights can extend analysis to encompass information-in-motion and information accumulated over a long period of time.

For additional information on IBM InfoSphere BigInsights , refer to

<http://www.ibm.com/software/data/infosphere/biginsights>

Program number

Program number	VRM	Program name
5725-C09	2.1.0	IBM InfoSphere BigInsights Enterprise Edition

Education support

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.

IBM training

Available from IBM training, the newest offerings to support your training needs, enhance your skills, and boost your success with IBM software. IBM offers a complete portfolio of training options including traditional classroom, private onsite, and eLearning courses. Many of our classroom courses are part of IBM's "Guaranteed to run program" ensuring your course will never be canceled. We have a robust eLearning portfolio including Instructor-Led Online (ILO) courses; Self-Paced Virtual courses (SPVC), and traditional Web-Based Training (WBT) courses. A perfect complement to classroom training, our eLearning portfolio offers something for every need and every budget. You simply select the style that suits you.

Be sure to take advantage of our custom training plans to map your path to acquiring skills. Enjoy further savings when you purchase training at a discount with an IBM Education Pack - online account - flexible and convenient way to pay, track, and manage your education expenses online.

Check your local Information Management Training and Certification website or with your training representative for the most recent training schedule and course listing.

Course Title	Classroom	Instructor-Led Online	Self-Paced Virtual Classroom	Web Based Training
InfoSphere BigInsights Essentials using Apache Hadoop				1w60
InfoSphere BigInsights Foundation	DW61	3w61	2w61	1w61
InfoSphere	DW64	3w64	2w64	1w64

BigInsights
Analytics
for
Business
Analysts
InfoSphere DW65 3W65 2W65 1W65
BigInsights
Analytics
for
Programmers

Descriptions of courses for IT professionals and managers are available at

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

For scheduling and enrollment call IBM training at 800-IBM-TEACH (426-8322) or visit

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

IBM Mastery

Mastery tests help to assure an individual has achieved a foundation of knowledge and understanding of a subject matter.

Exam number	Exam name
N38	BigInsights Technical Mastery

For additional information about this exam, go to

http://www-03.ibm.com/certify/mastery_tests/ovrN38.shtml

Offering Information

Product information is available via the Offering Information website

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

Also, visit the Passport Advantage® website

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

Publications

No publications are shipped with this product.

You can access all of the IBM InfoSphere BigInsights V2.1 documentation, including information on the IBM Accelerator for Social Data Analytics and the IBM Accelerator for Machine Data Analytics, in the InfoSphere BigInsights Information Center at

<http://pic.dhe.ibm.com/infocenter/bigins/v2r1/index.jsp>

Technical information

Specified operating environment

Hardware requirements

- x86 or IBM Power® 64-bit systems with a minimum of 8 GB memory
- Minimum 40 GB of disk storage
- Minimum of 4 nodes in Cluster installation

Software requirements

At least one of the following:

- Red Hat Enterprise Linux™ (RHEL) 5.0 Update 6 Advanced Platform x86-64
- Red Hat Enterprise Linux (RHEL) 5.0 Update 7 Advanced Platform x86-64
- Red Hat Enterprise Linux (RHEL) 5.0 Update 8 Advanced Platform x86-64
- Red Hat Enterprise Linux (RHEL) 5.0 Update 9 Advanced Platform x86-64
- Red Hat Enterprise Linux (RHEL) Server 6.0 Update 1 x86-64
- Red Hat Enterprise Linux (RHEL) Server 6.0 Update 2 x86-64
- Red Hat Enterprise Linux (RHEL) Server 6.0 Update 3 x86-64
- Red Hat Enterprise Linux (RHEL) Server 6.0 Update 4 x86-64
- Red Hat Enterprise Linux (RHEL) Server 6.0 Update 2 POWER® System
- Red Hat Enterprise Linux (RHEL) Server 6.0 Update 3 POWER System
- Red Hat Enterprise Linux (RHEL) Server 6.0 Update 4 POWER System
- SUSE Linux Enterprise Server (SLES) 11.0 SP2 x86-64

Supported browsers

- Mozilla Firefox ESR 17
- Microsoft™ Internet Explorer 9 (on Windows™ only)
- Microsoft Internet Explorer 10 (on Windows only)

Supported development environments

- Eclipse 3.6.2
- IBM Data Studio V3.2

For additional and the latest updated information refer to

<http://www-01.ibm.com/support/docview.wss?uid=swg27027565>

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

Packaging

IBM InfoSphere BigInsights Enterprise Edition

- IBM InfoSphere BigInsights Enterprise Edition Linux (64 bit)
- IBM Accelerator for Machine Data Analytics V1.2 (64 bit)
- IBM Accelerator for Social Data Analytics V1.2 (64 bit)
- IBM InfoSphere Data Explorer V8.2
- IBM InfoSphere Streams V3.1
- IBM Data Studio V3.2
- IBM Cognos Business Intelligence V10.2
- Quick Start Guide for IBM InfoSphere BigInsights Enterprise Edition English

IBM InfoSphere BigInsights Enterprise Edition for Non-Production Environment

- IBM InfoSphere BigInsights Enterprise Edition for Non-Production Environment for Linux (64 bit)
- IBM Accelerator for Machine Data Analytics V1.2 (64 bit)
- IBM Accelerator for Social Data Analytics V1.2 (64 bit)
- IBM InfoSphere Data Explorer V8.2
- IBM InfoSphere Streams V3.1
- IBM Data Studio V3.2
- IBM Cognos Business Intelligence V10.2
- Quick Start Guide for IBM InfoSphere BigInsights Enterprise Edition for Non-Production Environment English

IBM InfoSphere BigInsights Enterprise Edition Starter Kit

- IBM InfoSphere BigInsights Enterprise Edition Starter Kit for Linux (64 bit)
- IBM Accelerator for Machine Data Analytics V1.2 (64 bit)
- IBM Accelerator for Social Data Analytics V1.2 (64 bit)
- IBM InfoSphere Data Explorer V8.2
- IBM InfoSphere Streams V3.1
- IBM Data Studio V3.2
- IBM Cognos Business Intelligence V10.2
- Quick Start Guide for IBM InfoSphere BigInsights Enterprise Edition Starter Kit English

Security, auditability, and control

IBM InfoSphere BigInsights Enterprise Edition uses the security and auditability features of the host hardware or 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 InfoSphere BigInsights Enterprise Edition	BigInsights	InfoSphere BigInsights
IBM InfoSphere BigInsights Enterprise Edition Starter Kit	BigInsights	InfoSphere BigInsights
IBM InfoSphere BigInsights Enterprise Edition for Non-Production Env	BigInsights	InfoSphere BigInsights
Program name	PID number	Charge unit description
IBM InfoSphere BigInsights Enterprise Edition	5725-C09	Per Resource Value Unit for System z® ext
IBM InfoSphere BigInsights	5725-C09	Per Resource

Enterprise Edition IBM InfoSphere BigInsights Enterprise Edition Starter Kit	5725-C09	Value Unit Per Authorized User for System z ext
IBM InfoSphere BigInsights Enterprise Edition Starter Kit	5725-C09	Per Authorized User
IBM InfoSphere BigInsights Enterprise Edition for Non-Production Env	5725-C09	Per Resource Value Unit for System z ext
IBM InfoSphere BigInsights Enterprise Edition for Non-Production Env	5725-C09	Per Resource value Unit

Charge metrics definitions

Authorized User

Authorized User is a unit of measure by which the program can be licensed. An Authorized User is a unique person who is given access to the program. The program may be installed on any number of computers or servers and each Authorized User may have simultaneous access to any number of instances of the program at one time. Licensee must obtain separate, dedicated entitlements for each Authorized User accessing the program in any manner directly or indirectly (for example, via a multiplexing program, device, or application server) through any means. An entitlement for an Authorized User is unique to that Authorized User and may not be shared, nor may it be reassigned other than for the permanent transfer of the Authorized User entitlement to another person.

Note: Some programs may be licensed where devices are considered users. In that case, the following applies. Any computing device that requests the execution of or receives for execution a set of commands, procedures, or applications from the program or that is otherwise managed by the program is considered a separate user of the program and requires an entitlement as if that device were a person.

Resource Value Unit (RVU)

RVU is the unit of measure by which this program is licensed. RVU entitlements are based on the quantity of a specific designated measurement for the given program. A Proof of Entitlement (PoE) must be obtained for the appropriate number of RVUs required for your environment as defined by the specific program terms. The RVU entitlements are specific to the program and may include, but are not limited to the following: Client Devices, data source records, messages, and servers, and may not be exchanged, interchanged, or aggregated with RVU entitlements of another program. To understand these benefits of RVU licensing, and to determine how many RVUs to obtain for the program, contact your IBM representative.

The resource for the purpose of the RVU calculation is the number of terabytes of storage managed by the program. A terabyte is 2 to the 40th power bytes. Licensee must obtain RVU entitlements for this program sufficient to cover the storage managed by the program in the licensee's environment.

Value Unit Exhibit 027 (VUE027A) is used for the purpose of calculating the number of RVUs required. Value Unit Exhibit 027A (VUE027A) is shown in the table below.

The following examples are provided to illustrate your licensing requirements.

IBM InfoSphere BigInsights Enterprise Edition requires entitlement for all resources managed (terabytes of storage). In this case, the resources to enter into the volume tiering table to calculate RVUs are the total terabytes of storage being managed by IBM InfoSphere BigInsights Enterprise Edition.

Units to order

RVUs are calculated based upon the following volume tiering table and are rounded up to the next whole number.

Value Unit Exhibit 027 (VUE027A)

Cumulative usage level	Total terabytes (A)	RVUs per terabyte (B)	RVUs required (A) x (B)
1 - 12 terabytes	-	1.00	0.0000
13-32 terabytes	-	0.84	0.0000
33-64 terabytes	-	0.61	0.0000
65-100 terabytes	-	0.46	0.0000
101-250 terabytes	-	0.38	0.0000
251+ terabytes	-	0.30	0.0000
Total resources	-	-	-
Total RVUs	-	-	-

Products may also have program-specific licensing terms, which are described later in this document. Consult the program-specific licensing terms to determine total licensing requirements for the applicable products.

Pricing scenario for InfoSphere BigInsights Enterprise Edition

Transaction 1

Assume customer ABC is starting off by setting up an InfoSphere BigInsights Enterprise Edition cluster with 10 machines and plans to store 3 terabytes of data per machine in the cluster. The total terabytes are entered into the volume tiering table to get RVU to order. In this case, there are 30 chargeable terabytes.

RVUs required

Total RVUs to order to entitle ABC's environment for the 30 terabytes are determined as follows:

RVU metric	Total terabytes (A)	RVUs per terabyte (B)	RVU required (A) x (B)
1 - 12 terabytes	12	1.00	12.00
13-32 terabytes	18	0.84	15.12
33-64 terabytes	-	0.61	0.00
65-100 terabytes	-	0.46	0.00
101-250 terabytes	-	0.38	0.00
251+ terabytes	-	0.30	0.00
Total resources	30	-	-
Total RVUS	-	-	27.12

Total RVUs to order (rounded up) 28

Customer ABC would order 28 RVUs to entitle their environment for the 30 terabytes managed.

Transaction 2

In Phase 2, customer ABC looks to increase the terabytes managed on the cluster that they had already installed InfoSphere BigInsights Enterprise Edition on. They will add another 1 terabyte of data on each of the 10 machines in the cluster. The new total of terabytes managed in customer ABC's environment would be the previous 30 plus 10 incremental for a new total of 40 terabytes.

The new total of RVUs required to entitle their environment would be calculated as follows:

RVU metric	Total terabytes (A)	RVUs per terabytes (B)	RVUs required (A) x (B)
1 - 12 terabytes	12	1.00	12.00
13-32 terabytes	20	0.84	16.80
33-64 terabytes	8	0.61	4.88
65-100 terabytes	0	0.46	0.00
101-250 terabytes	0	0.38	0.00
251+ terabytes	0	0.30	0.00
New total resources	40	-	-
New total RVUS	-	-	33.68

Total RVUs required to entitle new environment (rounded up) 34

Previous or existing RVU entitlements from first transaction (28)

Total RVUs to order 6

Customer ABC would need to order an additional 6 RVUs to entitle their new total of 40 terabytes.

Note that the discount for the new storage is greater based on existing RVU entitlement.

Transaction 3

In Phase 3, customer ABC looks to increase the terabytes managed by InfoSphere BigInsights Enterprise Edition to 140 terabytes. They will add another 50 machines in the cluster, and a 100 terabytes of additional data. The new total terabytes managed in ABC's environment would be the previous 40 plus 100 terabytes, which equals 140 terabytes.

The new total of RVUs required to entitle their environment would be calculated as follows:

RVU metric	Total terabytes (A)	RVUs per terabytes (B)	RVUs required (A) x (B)
1 - 12 terabytes	12	1.00	12.00
13-32 terabytes	20	0.84	16.80
33-64 terabytes	32	0.61	19.52
65-100 terabytes	36	0.46	16.56
101-250 terabytes	40	0.38	15.20
251+ terabytes	0	0.30	0.00
New total resources	140	-	-
New total RVUS	-	-	80.08

Total RVUs required to entitle new environment (rounded up) 81

Existing RVU entitlements from previous transactions (34)

Total RVUs to order 47

Customer ABC would need to order an additional 47 RVUs to entitle their new total of 140 terabytes managed.

Passport Advantage program licenses

IBM InfoSphere BigInsights Enterprise Edition

Part description	Part number
IBM InfoSphere BigInsights Enterprise Edition	
IBM IS BigInsights Enterpr. Ed. Per Resource Value Unit Annual SW S&S Rnw1	E0HSXLL
IBM IS BigInsights Enterpr. Ed. Per Resource Value Unit Lic + SW S&S 12 Mo	D102BLL
IBM IS BigInsights Enterpr. Ed. Per Resource Value Unit SW S&S Reinstate 12 Mo	D102CLL

IBM InfoSphere BigInsights Enterprise Edition for Non-Production Env

Part description	Part number
IBM InfoSphere BigInsights Enterprise Edition for Non-Production Env	
IBM IS BigInsights Enterpr. Ed. Non-Prod Env Per RVU Annual SW S&S Rnw1	E0HT8LL
IBM IS BigInsights Enterpr. Ed. Non-Prod Env Per RVU Lic + SW S&S 12 Mo	D102XLL
IBM IS BigInsights Enterpr. Ed. Non-Prod Env Per RVU SW S&S Reinstate 12 Mo	D102YLL

IBM InfoSphere BigInsights Enterprise Edition Edition Starter Kit

Part description	Part number
IBM InfoSphere BigInsights Enterprise Edition Starter Kit	
IBM IS BigInsights Enterpr. Ed. Starter Kit Per AU Annual SW S&S Rnw1	E0HTVLL
IBM IS BigInsights Enterpr. Ed. Starter Kit Per AU Lic + SW S&S 12 Mo	D104QLL
IBM IS BigInsights Enterpr. Ed. Starter Kit Per AU SW S&S Reinstate 12 Mo	D104RLL

Passport Advantage supply

Program name/description	Part number
IBM IS BigInsights EE NPE V2.1.0	
IBM InfoSphere BigInsights Enterprise Edition Non-Prod Env V2.1.0 Media Pk	BB1G1EN
IBM IS BigInsights EE Str Kt V2.1.0	
IBM InfoSphere BigInsights Enterprise Edition Starter Kit V2.1.0 Media Pack	BB1G2EN
IBM IS BigInsights Entrpr Ed V2.1.0	
IBM InfoSphere BigInsights Enterprise Edition V2.1.0 Media Pack	BB1G0EN

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.

IBM IS BigInsights Entrpr Ed V2.1.0

Entitled maintenance offerings description	Media packs description	Part number
IBM InfoSphere BigInsights Enterprise Edition for	IBM InfoSphere BigInsights Enterprise Edition V2.1.0	BB1G0EN

zEnterprise® BladeCenter® Extension per Resource Value Unit	Media Pack	
IBM InfoSphere BigInsights Enterprise Edition per Resource Value Unit	IBM InfoSphere BigInsights Enterprise Edition V2.1.0 Media Pack	BB1G0EN

IBM IS BigInsights EE Str Kt V2.1.0

Entitled maintenance offerings description	Media packs description	Part number
IBM InfoSphere BigInsights Enterprise Edition Starter Kit for zEnterprise BladeCenter Extension per Authorized User	IBM InfoSphere BigInsights Enterprise Edition Starter Kit V2.1.0 Media Pack	BB1G2EN
IBM InfoSphere BigInsights Enterprise Edition Starter Kit per Authorized User	IBM InfoSphere BigInsights Enterprise Edition Starter Kit V2.1.0 Media Pack	BB1G2EN

IBM IS BigInsights EE NPE V2.1.0

Entitled maintenance offerings description	Media packs description	Part number
IBM InfoSphere BigInsights Enterprise Edition for Non-Production Environment for zEnterprise BladeCenter Extension per Resource Value Unit	IBM InfoSphere BigInsights Enterprise Edition Non-Prod Env V2.1.0 Media Pk	BB1G1EN
IBM InfoSphere BigInsights Enterprise Edition for Non-Production Environment per Resource Value Unit	IBM InfoSphere BigInsights Enterprise Edition Non-Prod Env V2.1.0 Media Pk	BB1G1EN

Cross-platform products

Cross-platform products for use on System z

Order the part numbers that follow when the product is used for either the development of code that will be deployed on System z servers or when the product will be communicating or transferring data between a distributed server and a System z server. Otherwise 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

IBM InfoSphere BigInsights Enterprise Edition

Part description	Part number
IBM InfoSphere BigInsights Enterprise Edition	
IBM IS BigInsights Enterpr Ed Per RVU S/z ext Annual SW S&S Rnw1	E0HT0LL
IBM IS BigInsights Enterpr Ed Per RVU S/z ext Lic + SW S&S 12 Mo	D102FLL
IBM IS BigInsights Enterpr Ed Per RVU S/z ext SW S&S Reinstate 12 Mo	D102GLL

IBM InfoSphere BigInsights Enterprise Edition for Non-Production Env

Part description	Part number
IBM InfoSphere BigInsights Enterprise Edition for Non-Production Env	
IBM IS BigInsights Entpr Ed NPE Per RVU S/z ext Lic + SW S&S 12 Mo	D102ZLL
IBM IS BigInsights Entpr Ed NPE Per RVU S/z ext SW S&S	D1030LL

Reinstate 12 Mo
 IBM IS BigInsights Entpr Ed NPE Per RVU S/z ext Annual SW S&S Rnw1 E0HT9LL

IBM InfoSphere BigInsights Enterprise Edition Starter Kit

Part description	Part number
IBM InfoSphere BigInsights Enterprise Edition Starter Kit	
IBM IS BigInsights EE Starter Kit Per AU System z ex SW S&S Reinstate 12 Mo	D104TLL
IBM IS BigInsights EE Starter Kit Per AU System z ext Annual SW S&S Rnw1	E0HTWLL
IBM IS BigInsights EE Starter Kit Per AU System z ext Lic + SW S&S 12 Mo	D104SLL

Cross-platform product for use on System z IFL engines or zEnterprise BladeCenter Extension

Order the part numbers that follow when the product is intended to run on the zEnterprise BladeCenter Extension or Linux operating system on System z 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.

Software withdrawal: Selected part numbers from IBM BigInsights program licenses

The following IPLA software part numbers are being replaced or are obsolete as a result of this announcement.

Orders for these part numbers will not be accepted after the stated effective date of withdrawal, nor will normal marketing activities or educational support be available unless previous agreement exists between the customer and IBM .

Effective August 21, 2013, IBM will withdraw from marketing the following part numbers licensed under the IBM International Program License Agreement. A replacement product part number is listed if one is available.

IBM InfoSphere BigInsights Enterprise Edition

Part description	withdraw part number	New part number
IBM IS BigInsights Entpr. Ed. Per RVU Lic + SW S&S 12 Mo	D0JIFLL	D102BLL
IBM IS BigInsights Entpr. Ed. Per RVU SW S&S Reinstate 12 Mo	D0JIGLL	D102CLL

IBM InfoSphere BigInsights Enterprise Edition for Non-Production Environment

Part description	withdraw part number	New part number
IBM IS BigInsights Entpr Ed NPE Per RVU Lic + SW S&S 12 Mo	D0PYTLL	D102XLL
IBM IS BigInsights Entpr Ed NPE Per RVU SW S&S Reinstate 12 Mo	D0PYULL	D102YLL

IBM InfoSphere BigInsights Enterprise Edition Starter Kit

Part description	withdraw part number	New part number
------------------	----------------------	-----------------

IBM IS BigInsights Entpr. Ed Starter Kit Per AU Lic + SW S&S 12 Mo	D0PZ1LL	D104QLL
IBM IS BigInsights Entpr. Ed Starter Kit Per AU SW S&S Reinstate 12 Mo	D0PZ2LL	D104RLL

Cross-platform products for use on System z

IBM InfoSphere BigInsights Enterprise Edition

Part description	withdraw part number	New part number
IBM IS BigInsights Entpr. Ed. Per RVU S/z ext Lic + SW S&S 12 Mo	D0N85LL	D102FLL
IBM IS BigInsights Entpr. Ed. Per RVU S/z ext SW S&S Reinstate 12 Mo	D0N86LL	D102GLL

IBM InfoSphere BigInsights Enterprise Edition for Non-Production Environment

Part description	withdraw part number	New part number
IBM IS BigInsights Entpr Ed NPE Per RVU S/z ext Lic + SW S&S 12 Mo	D0PYVLL	D102ZLL
IBM IS BigInsights Entpr Ed NPE Per RVU S/z ext SW S&S Reinstate 12 Mo	D0PYWLL	D1030LL

IBM InfoSphere BigInsights Enterprise Edition Starter Kit

Part description	withdraw part number	New part number
IBM IS BigInsights Entpr. Ed Starter Kit Per AU S/z ext Lic + SW S&S 12 Mo	D0PZ3LL	D104SLL
IBM IS BigInsights Entpr. Ed Starter Kit Per AU S/z ext SW S&S Reinstate 12 Mo	D0PZ4LL	D104TLL

Effective September 21, 2013, IBM will withdraw from marketing the following part numbers licensed under the IBM International Program License Agreement. A replacement product part number is listed if one is available.

IBM InfoSphere BigInsights Enterprise Edition

Part description	withdraw part number	New part number
IBM IS BigInsights Entpr. Ed. Per RVU Annual SW S&S Rnw1	E0C4JLL	E0HSXLL

IBM InfoSphere BigInsights Enterprise Edition for Non-Production Environment

Part description	withdraw part number	New part number
IBM IS BigInsights Entpr Ed NPE Per RVU Annual SW S&S Rnw1	E0DWILL	E0HT8LL

IBM InfoSphere BigInsights Enterprise Edition Starter Kit

Part description	Withdraw part number	New part number
IBM IS BigInsights Entpr. Ed Starter Kit Per AU Annual SW S&S Rnw1	E0DWMLL	E0HTVLL

Cross-platform products for use on System z

IBM InfoSphere BigInsights Enterprise Edition

Part description	Withdraw part number	New part number
IBM IS BigInsights Entpr. Ed. Per RVU S/z ext Annual SW S&S Rnw1	E0DAELL	E0HTOLL

IBM InfoSphere BigInsights Enterprise Edition for Non-Production Environment

Part description	Withdraw part number	New part number
IBM IS BigInsights Entpr Ed NPE Per RVU S/z ext Annual SW S&S Rnw1	E0DWJLL	E0HT9LL

IBM InfoSphere BigInsights Enterprise Edition Starter Kit

Part description	Withdraw part number	New part number
IBM IS BigInsights Entpr. Ed Starter Kit Per AU S/z ext Annual SW S&S Rnw1	E0DWNLL	E0HTWLL

Terms and conditions

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

Licensing

IBM International Program License Agreement including the License Information document and Proof of Entitlement (PoE) govern your use of the program. PoEs are required for all authorized use.

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

License Information form numbers

Program name	Program number	Form number
IBM InfoSphere BigInsights Enterprise Edition	5725-C09	L-AMCU-95K5LZ
IBM InfoSphere BigInsights Enterprise Edition for Non-Production Environment	5725-C09	L-AMCU-95XS2K
IBM InfoSphere BigInsights Enterprise Edition Starter Kit	5725-C09	L-AMCU-95XNYE

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 Maintenance is in effect. This technical support allows you to obtain assistance (via telephone or electronic means) from IBM for product-specific, task-oriented questions regarding the installation and operation of the program product. Software Maintenance also provides you with access to updates (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

For clarification, note that 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 for programs acquired under the IBM International Passport Advantage Agreement, this term applies only to your first acquisition of the program.

Volume orders (IVO)

No

Passport Advantage applies

Yes, and through the Passport Advantage website at

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

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

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/sladb.nsf>

Other terms

IBM Operational Support Services - SoftwareXcel

No

System i Software Maintenance applies

No

Educational allowance available

Not applicable.

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

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>

Business Partner information

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

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

Order now

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

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

Phone: 800-IBM-CALL (426-2255)
Fax: 800-2IBM-FAX (242-6329)
Internet: callserv@ca.ibm.com
Mail: IBM Teleweb Customer Support
ibm.com® Sales Execution Center, Americas North
3500 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.

Trademarks

BigInsights, GPFS and PureData are trademarks of IBM Corporation in the United States, other countries, or both.

IBM, InfoSphere, Cognos, Passport Advantage, Power, POWER, System z, zEnterprise, BladeCenter and ibm.com are registered trademarks of IBM 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.

Microsoft and Windows are trademarks of Microsoft Corporation in the United States, other countries, or both.

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

Terms of use

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

<http://www.ibm.com/legal/us/en/>

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/>