



IBM InfoSphere Information Server V8.7 enhances information integration infrastructure with world-class governance

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At a glance

IBM® InfoSphere® Information Server V8.7 provides a highly scalable, security-rich, and robust data integration platform designed to simplify your data integration needs. Key new capabilities include:

- Enablers for stronger information governance
- New and improved product integration
- Advanced administration and productivity features

IBM InfoSphere Information Server for Data Warehousing V8.5 helps:

- Optimize return on investment
- Accelerate time-to-value on data warehouse projects
- Promote line-of-business confidence in warehouse data
- Lower total cost of ownership on an ongoing basis

InfoSphere Information Server for Data Warehousing V8.5 adds support for Netezza® High Capacity Appliance, which offers project blueprinting, ETL (extract, transform, load), and source-to-target mapping capabilities.

For ordering, contact your IBM representative, an IBM Business Partner, or IBM Americas Call Centers at 800-IBM-CALL (Reference: YE001).

Overview

IBM InfoSphere Information Server V8.7

Trustworthy information in today's organization requires collaboration between IT and business, using a unified platform to define and integrate data. Organizations need data that is accessible, authoritative, consistent, timely, and in context for analysis and reporting.

InfoSphere Information Server V8.7 continues to extend IBM capabilities to deliver more trustworthy information and to support information governance by introducing advanced capabilities within a highly scalable, security-rich, and robust data integration platform designed to simplify your data integration needs. It addresses the demanding information needs of organizations while improving the operational management and governability of integration projects and information

infrastructure. Key new capabilities available in InfoSphere Information Server V8.7 include:

- Enablers for stronger information governance; for example, enhanced administration of real-time integration process status updates, new workflow steps for definition and management of business terms, task management in InfoSphere Blueprint Director, and enhanced automation of data quality rules
- New and improved product integration, in particular, tight and deep metadata integration with IBM Cognos®, InfoSphere Data Replication (DR)/InfoSphere Change Data Delivery (CDD), and SAP projects
- Advanced administration and productivity features

IBM InfoSphere Information Server for Data Warehousing V8.5

IBM InfoSphere Information Server for Data Warehousing V8.5 adds support for the following Netezza data warehouse appliance model:

- IBM Netezza High Capacity Appliance

This support is packaged as a base data integration module and an optional data quality add-on module. The base module supports project blueprinting, ETL (extract, transform, load), source-to-target mapping, data lineage, and basic discovery features; the optional add-on data quality module provides a strong set of capabilities to help you understand and improve the quality of information, and monitor the quality of that information over time.

Base package:

- IBM InfoSphere Information Server for Netezza High Capacity Appliance

Add-on Data Quality Packs:

- IBM InfoSphere Information Server Data Quality Pack for Netezza High Capacity Appliance

Key prerequisites

For details, refer to the [Hardware and software requirements](#) section.

Planned availability date

IBM InfoSphere Information Server for Data Warehousing V8.5

- October 18, 2011: Electronic availability
- October 26, 2011: Media availability

IBM InfoSphere Information Server V8.7

- October 25, 2011: Electronic availability
- November 21, 2011: Media availability

Description

InfoSphere Information Server V8.7

InfoSphere Information Server V8.7 introduces advanced capabilities to:

- Provide real-time information on the state of data integration processes through a new upgraded Operations Console

- Support workflow steps to define and manage business terms in the Business Glossary
- Enable task management in the InfoSphere BluePrint Director
- Automate execution of data quality rules defined in InfoSphere Information Analyzer during DataStage® ETL processing with the new Information Analyzer Stage

InfoSphere Information Server 8.7 further simplifies the process of delivering enterprise solutions by providing very tight and deep metadata integration with IBM Cognos, InfoSphere Data Replication (DR)/InfoSphere Change Data Delivery (CDD), and SAP projects:

- Tight integration between InfoSphere Business Glossary, InfoSphere Metadata Workbench, and IBM Cognos for business term management and data lineage
- Expanded metadata capture with DR/CDD to simplify integration of real-time information and manage expanding data volumes
- New advanced capabilities to identify, cleanse, and manage master data for SAP projects to help ensure go-live dates are successful

Information Server general enhancements include:

- Administration features: IBM continues to invest in providing tools to make the administration of InfoSphere Information Server simpler in order to accelerate time to value. InfoSphere Information Server V8.7 adds new features, including new backup and restore functionality, maintenance mode, command line administration of user and roles, and IPv6 support.
- Security features: Enterprises are increasingly concerned with protecting their information assets. Software solutions need to work alongside an organization's policies to enable a strong security/low-risk posture. InfoSphere Information Server V8.7 extends security support through the addition of:
 - Strongly encrypted credential files for command line utilities
 - Strongly encrypted job parameter files for dsjob command
 - Encryption algorithm customization
 - Mixed LDAP and OS Support via PAM
 - Automated audit trail for all DBMS access with InfoSphere Guardium®
 - Netezza connector links with Netezza solutions, supporting greater performance and functionality available to all products in the InfoSphere Information Server suite

IBM InfoSphere DataStage V8.7

The InfoSphere DataStage debugger

InfoSphere Information Server V8.7 extends existing debugging capabilities for parallel jobs through an interactive debugger in the Designer client for parallel jobs. Through this capability, you can establish breakpoints on the data flow links of jobs in order to interrogate the values as they are being transformed at job run time by the various components.

- The debugging process is straightforward. Right-click any link to toggle the breakpoint on or off. Once a breakpoint is established, the default mode causes a debug run to pause at every row passing through that link. You can edit the breakpoint and change this default behavior so that the job pauses at a different frequency or upon a certain data condition; for example `account_id = '12345'`.
- When the debug run is paused at a break condition, you can view the individual nodes where any of the stages are running, the data on each of those nodes, and the number of rows that already passed through that link. During investigation, you can examine the properties of any of the stages that compose the job design and then alter the breakpoints based on new information that you learned by investigating the data. You can also add specific fields to the watch list in order to focus attention on only the set of fields you are most interested in.

- Because the debug mode of the job runs with the same configuration file as the standard run, debug mode catches any specific data conditions that exist based on how data is being partitioned and distributed across the infrastructure. So, regardless of whether the job is running on a small computer or across an enterprise-class grid, or whether the databases accessed by the job are partitioned out to 128 nodes, the debug results mimic the way the job will be deployed in your standard environment

InfoSphere DataStage Operations Console for accessing operational metadata and monitoring the runtime environment

Production operators, development teams, and other stakeholders need access to the operational metadata of their data integration environment. Whether they are confirming that the environment is live, reviewing job run history, or working to troubleshoot system failures, these users need direct access to the most relevant information in order to perform their jobs efficiently.

- The Operations Console provides a view-only client that allows simple, web-based access to the runtime environment of InfoSphere Information Server. High-level graphs provide a summary view of the current state of the environment, such as what is running, how much resource is being consumed, and whether the environment is healthy. With several clicks, you can find the supporting details that you need to answer questions and achieve higher levels of productivity.
- Key features of this interface include:
 - Dashboard-style graphs representing current job activity
 - Indications of successful or failed jobs statuses
 - System health information
 - Resource consumption views
 - Server-wide and project-specific access based on the privileges of a particular user
 - High-level summary and detailed statistics for the job run history, including job start date/time, elapsed run time, record counts, parameter detail, and control and error messages
 - Utilities to compare multiple job runs and to filter relevant differences
- To support the innovative paradigm of this interface, InfoSphere Information Server includes a new role called Operations Viewer. This role is restricted to use only the Operations Console read-only views. Administrators can generously assign this role to users and groups, including in production, and trust that no objects within InfoSphere Information Server can be altered or run.
- Additionally, in situations where operational metadata needs to be shared with other applications in the enterprise, organizations can use the fully documented metadata schema to define those integrations.

Netezza Connector enriched connectivity

Netezza Connector provides native connectivity to the Netezza appliance and offers improved and consolidated support for greater performance and functionality. For more information, refer to Netezza Performance Server®. The Netezza Connector:

- Uses the massively parallel, highly scalable, and dynamically configurable framework of InfoSphere DataStage to access each SPU in the Netezza appliance for optimum performance.
- Supports the "update then insert" operation to speed up writing to disk.
- Creates tables by using random or user-defined distribution keys.
- Uses row-selected SQL operation, which dynamically chooses the SQL operation at run time based on the actual data.
- Supports two-level and three-level reference object naming.
- Uses various write modes, table actions, and transaction modes.
- Uses user-defined SQL. You can use a user-defined UDX in the SQL statement by loading from a flat file or you can use SQL that is predefined.

- Uses properties for before and after SQL statements that can run across all the runtime nodes, or just one node. Various post actions are available if the statement fails.
- Achieves outstanding out-of-box performance rates for loading and unloading data.

Other new connectivity features include:

- DRS connector allows the database type to be dynamically chosen at run time, which enables jobs to be reused in various deployment scenarios. It supports this flexible connectivity between Oracle, IBM DB2®, and ODBC.
- CDC Transaction stage allows information that is captured from log-based sources by using InfoSphere Data Replication (DR) and InfoSphere Change Data Delivery (CDD) to be delivered in near real-time to InfoSphere DataStage. By using our unique bookmarking technology, this solution architecture provides guaranteed data delivery and transaction integrity through a complex set of data transformation and cleansing tasks to one or more targets.
- Teradata Connector TMSM and Dual Load support provides native support to the Teradata Multi-System Manager (TMSM) and Dual Load capability.
- Enhanced SQL logging for connectors allows increased coverage in connectors for writing executed SQL statements to the job log, which provides better support for exception research.
- DB2 connector performance is improved when loading to IBM DB2.

IBM InfoSphere QualityStage™ V8.7

This version of IBM InfoSphere QualityStage contains several new features and product enhancements such as Match Specification Setup Wizard, predefined standardization and match jobs, Match Statistics report, and rules set for India market.

Match Specification Setup Wizard can be used to create basic match specifications for US name and address data. The specifications that you create with the wizard provide criteria for matching records from one or two sources. The traditional "from scratch" approach to match specification development will remain. The wizard may be used on a one-time basis to define a given match specification, following which any testing and further development of that match specification will be accomplished using the Match Designer.

Predefined standardization and match jobs in InfoSphere QualityStage V8.7 include predefined standardization and matching jobs for US name and address data. You can use predefined standardization jobs to generate standardized data and the frequency information for that data.

You can use predefined matching jobs to match records from one or two sources of input data. This enhancement will especially help newer customers or users to quickly acclimate themselves to the InfoSphere QualityStage design canvas and job design. Sample data is provided for use with the predefined jobs. When opening a predefined job, the user will be presented with a complete job design. All the user needs to do is define data sources and targets, and test the data flow within the job.

The new Match Statistics report presents summary-level statistics about the matching results and statistics about the matching process for each match pass. This information has always been provided as part of the match spec design process within the Match Designer. However, now this information is being made available in production Match Stage jobs.

With the India Rule Set, clients can now standardize Indian address and area data. A shared container is imported with the rule sets to help you design a job that uses the rule sets. This ruleset may be found in the same folder as the many other country-level rulesets offered out of the box with InfoSphere QualityStage.

IBM InfoSphere Information Analyzer V8.7

This version of IBM InfoSphere Information Analyzer contains several new features and product enhancements such as integrated data rule development, execution, and monitoring with DataStage, QualityStage, and Information Services Director; enhancements to data rule output; API enhancements for flow-through processing; performance enhancements, and support for separation of logical, physical, and implementation data models.

The new DataStage/QualityStage "Rule Stage" enables development, execution, and monitoring of data rules for persisted data and data in transit. In previous releases of Information Analyzer, users have been able to develop, deploy, execute, and monitor data rules against persisted data. Customers have used Information Analyzer to monitor the quality of their data for business-oriented rules and specified data sources. In this release, these data rules are becoming more pervasive in terms of development environment and deployment options.

Developers now have an integrated experience when they develop data integration, data cleansing, and data (validation) rules. From within the DataStage and QualityStage Designer Client developers can now take existing data rules that were developed in Information Analyzer and embed those rules into their jobs. For example, a data rule in a DataStage job displays how many rows have been analyzed, how many of those are valid and invalid, and so on. The developer can then choose to process the invalid records differently than the valid records for reporting or even automated remediation.

The user interface is seamlessly integrated into DataStage and QualityStage Designer, allowing you to view the definition of the rule and to modify it according to your needs. For example, you can determine which rule variables should be mapped to which input links. The developer can even define a new rule from scratch within the DataStage and QualityStage Designer. This means that the same rule definition, that is, the logical representation of a business rule such as "age > 18" can now be applied to data stored in a repository or data being processed in a DataStage or QualityStage job or even as a service. This gives the team much more flexibility for how to best monitor the quality of the data. For example, they may execute the rule first in the warehouse. If "bad data" causes disruptions of the business, they can take the same rule, embed it in the job that loads the warehouse, and avoid that "bad data" from entering the warehouse.

Additional APIs are added in this release to form a more complete set of interfaces supporting flow-through processing. The API enhancements include domains such as folder support, metrics and benchmarks, key and cross-domain analysis, public rules, and so on.

Enhancements to data rules output allow distinct records to be generated in rule output when the rule contains aggregation functions only. Only one record is output per grouping value.

Performance enhancements for this release include acceleration of rules using join conditions by pushing down the join operations to the SQL select statement executed on the analyzed source whenever it is possible, instead of loading all the data and joining them in InfoSphere DataStage. Rules using a sampling are accelerated by reducing the number of rows that must be loaded from the source database to InfoSphere DataStage. When using DB2 as the analysis database, you can configure DB2 Compression to reduce the storage footprint of IADB. Query performance is not impacted. Updates/index management do have performance overheads with DB2 compression.

As part of Information Server, Information Analyzer now supports usage of physical and logical model assets in rule definitions and a facilitated approach to discover and bind associated assets. In inferred model generation, the physical model generation is enhanced for a more integrated approach.

IBM InfoSphere Business Glossary V8.7

This version of IBM InfoSphere Business Glossary contains several new features and product enhancements. It features a single URL entry point for all web-based Business Glossary activities such as Authoring, Administration, and Viewing. This single interface ensures a consistent user experience for all Business Glossary user roles. In particular, this feature enables authors to create and edit glossary content in the context of how it will be viewed. The enhanced user interface includes a completely new authoring experience, based on quick-content creation, in-line authoring, and auto-suggest picker lists for quick content authoring and relationship building.

In-line editing and auto-suggest for finding other terms and repository objects help users create a new category or term. The author can simply perform a "quick-create" that enables the creation of new content from within any other page. This capability is designed to create new terms that can be synonyms or related terms of a term that an author is currently editing.

Business Glossary V8.7 now has a universal Quick Term Finder that allows users to find terms quickly from any Business Glossary page. This release supports a governed Business Glossary content development workflow that includes new features such as Separate Development Glossary where authors can work on the next version of the glossary without affecting the published glossary. This includes separate editors and publishers, authoring permissions by category, approval workflow with comments like accept, reject, publish actions, task-list views of drafts, and pending approval per author and approver. List Filters enable Large lists to be navigated easily by using the new filter mechanism. These filters, available from any list that exceeds a single display page, enable the user to add multiple criteria for narrowing the list.

Business Labels are additional classification mechanisms that enable authors to assign meaning to repository assets via administrator-defined labels. These labels appear on the details page, in Business Glossary and Metadata Workbench interfaces, of any repository asset and can be used in the Advanced Search, Filter, and Metadata Workbench Query mechanisms for finding and reporting on particular terms.

In addition to supporting Logical Models in the Metadata Repository, the 8.7 release includes the ability to transform any imported logical model into Business Glossary Categories and Terms. The currently supported Logical Model imports (via IMAM) include IDA, Sybase PowerDesigner, Embarcadero ERStudio, and CA ERwin.

The new version of Business Glossary displays the new logical models available in Information Server V8.7 as well as distinct representations of physical models and implemented data resources. These three distinct layers are displayed in the new All Assets page of Business Glossary, and relationships between these layers are displayed in each asset's details page.

While the 8.5 release supported export of only top-level categories, the 8.7 release includes the ability to export any category of Business Glossary content. This enables administrators to work with scoped areas of content for export and re-import. The export procedure is now enabled via an export wizard, simplifying the overall process of choosing the content and selection of file formats.

In Version 8.7, code has been added to Business Glossary web pages that enable third-party web analytics to capture usage statistics. These analytics tools can report on such information as visitor trends, geographic distribution, pages viewed, browsers used, navigation paths, and time spent on pages.

IBM InfoSphere Metadata Workbench V8.7

This version of IBM InfoSphere Metadata Workbench contains several new features and product enhancements. In Metadata Workbench V8.7, upon invoking Data Lineage or Impact Analysis from the Metadata Workbench, the lineage graph will display immediately whereas previously, a user was prompted to select the direction

-- where was data coming from or where is data going to -- and further select a single target asset for analysis.

Information assets are displayed including their full name and identity, enabling a user to more easily identify an asset. Also, developers and other more advanced users may opt to expand a job to view the data flow within the selected job. Users may opt to refine the data lineage graph and select the individual columns or fields of a table, file, or report, further investigating the data flow for those specific assets.

The Inventory pane of the Data Lineage report continues to display additional information for each asset. Information now also includes custom attributes, logical or physical model relationships, column type, and expression. The inventory may further be published as a PDF report for distribution.

Metadata Workbench includes the ability to declare Custom Attributes for physical assets, allowing customers to document additional information about such assets, including deployment, technical owner, or security status. Custom attribute definitions may be of type text, date, or number; include multiple values; be restrictive to a set of defined values; or be copied to child assets. Custom Attribute Definitions are managed within the Workbench, and may be imported, exported, edited, or deleted. Custom Attribute Values may be declared within a text (CSV) file and imported via the Metadata Workbench.

This allows for customers to script and apply such values more easily to their imported physical assets. Physical assets may be edited within the Workbench, allowing a user to set their Description or Custom Attribute properties.

In a warehousing scenario, some of the entire data flow may be performed outside of the database; for example, when extracting, transforming, cleansing, and loading data from heterogeneous data sources through InfoSphere DataStage and InfoSphere QualityStage into InfoSphere Warehouse. Some of the processing may then also occur inside the warehouse through SQL operations; for example, when transforming system of record tables into optimized structures for data mining. In Version 8.7, InfoSphere Metadata Workbench can display not only lineage to and from the warehouse but also the data flows that are taking place inside InfoSphere Warehouse through SQL transformations. This gives users an end-to-end view of all the data flows from upstream data sources to the warehouse, inside the warehouse, and from the warehouse to downstream analytical applications.

Business Labels are created and managed within Business Glossary; however, a user may view, query, or assign labels to assets from the Workbench. Published Data Rules, when defined and published from Information Analyzer, may be viewed or queried from the Workbench, including displaying the Rule Expression.

IBM InfoSphere Balanced Optimization V8.7

InfoSphere Balanced Optimization adds Netezza to the set of databases to which it can push processing for ETL style (Extract-Load-Transform) data integration. InfoSphere Balanced Optimization has also extended capabilities to support multiple target tables.

IBM InfoSphere Change Data Delivery for Information Server

InfoSphere Change Data Delivery for Information Server V6.5.1 offers rapid and timely delivery of data changes for InfoSphere DataStage extract, transform, and load (ETL) processes and InfoSphere QualityStage data quality processes to help ensure that these systems have updated and trusted data to make informed business decisions. It integrates directly with InfoSphere DataStage, enabling real-time ETL processes and event-driven data cleansing while ensuring that critical information is readily available to lines of business, thereby increasing visibility and productivity.

InfoSphere Change Data Delivery 6.5.1 now offers support for DB2 data partitioned sources, DDL replication for Oracle-to-Oracle replication, extended metadata lineage and traceability, and a number of consumability improvements, including enhanced monitoring, debugging, and improved multibyte character set (MBCS) configuration.

InfoSphere Change Data Delivery V6.5.1 also helps you address the need for increasing data volumes by providing performance improvements while continuing to achieve and reduce the impact on mission-critical production systems.

IBM InfoSphere Blueprint Director

InfoSphere Blueprint Director V2.0.1 is a common capability across the InfoSphere Information Server and InfoSphere Optim™ Data Designer products. InfoSphere Blueprint Director further strengthens the alignment of business and IT by providing control and insight of the information roadmap and its evolution through a collaborative projection life cycle from vision and execution to completion. Using InfoSphere Blueprint Director, teams can collaborate on actionable information blueprints that connect the business vision for the information project with the corresponding business and technical artifacts. InfoSphere Blueprint Director guides the team to apply recommended practices based on reference architectures and methodology.

InfoSphere Blueprint Director now offers several new features and product enhancements such as integration with task management, milestone planning, and versioning support through integration with source code control systems, additional templates for life cycle management and data quality, project support and enhancements to navigate between blueprints, context-sensitive help and welcome screen, and seamless integration with other Eclipse applications (shell sharing).

InfoSphere Blueprint Director now enables users to understand an architecture diagram not only based on the associated method, that is, the best practice for how they can develop the architected solution, but also based on associated tasks and their status. Teams can select the relevant scope of the entire method content for the project and export it to IBM Rational Team Concert™. InfoSphere Blueprint Director also associates the tasks in Rational Team Concert back to a blueprint. This allows the team to understand the progress of the project not just from a pure project planning perspective but also in the context of the architecture diagram. Certainly, the team can also access the traditional project tracking dashboards that Rational Team Concert provides. Once the tasks in Rational Team Concert are assigned to specific users, they can see their tasks in a window provided by Rational Team Concert inside InfoSphere Blueprint Director. This ensures that all team members know which tasks are assigned to them, that is, that they follow the assignments by the team and follow the best practice. It also ensures that they can update their status easily within the system; for example, when they completed a task.

In this release of InfoSphere Blueprint Director, users will be able to more explicitly define the evolution of the architecture over time using Milestone Planning capabilities. Many projects deliver the future state over time in multiple phases with milestones for each phase. For example, a warehouse or master data management solution may add the various sources over time and add more consumers such as marts or reports over time as well. In this release of InfoSphere Blueprint Director, users can specify which elements become effective or should be decommissioned at which milestone.

After the milestones are defined and blueprint elements are associated to the milestones, users can then view the evolution of the blueprint over time through a time slider support. The user simply selects the milestones or sequence of milestones that are of interested and can see the change in architecture over time, giving the team much better visibility into the roadmap of the project and also how the information supply chain will be impacted by this project to ensure agreement across the team in the vision and the path to the vision.

Support of versioning through integration with source code control systems is now enabled in Blueprint Director via source code control systems (SCCSs) such as IBM Rational Team Concert, IBM Rational® ClearCase®, CVS, and so on. This enables a team to better collaborate and share blueprints. Rather than sending blueprints by email, they can be checked into a SCCS, and versions can be created, tracked, and compared. And when a user wants to make changes, SCCSs provide a checkout mechanism to avoid unprotected overwrite of existing blueprints. This functionality is highly valuable when developing and discussing blueprints in a collaborative team

environment. The team has a more controlled, consistent, and governed approach when modifying and viewing blueprints.

In this release, InfoSphere Blueprint Director now contains two new templates that were not included in the previous InfoSphere Information Server 8.5 release. The Managed Data Cleansing template provides a reference architecture and associated method for the deployment of an example data warehousing and business intelligence solution. This template assumes the presence of a range of existing information sources of unknown structure and integrity, and details the patterns involved in integration information from these sources into a unified data warehouse. Trusted information from this warehouse is then made available to a range of analytics and reporting patterns, and on to information consumers. The Information Lifecycle Management template provides a logical blueprint and associated project-level implementation methodology for the development of processes supporting Information Lifecycle Management (ILM). Key ILM areas addressed include Data Growth Management (archiving), Test Data Management (sub-setting) including Data Masking, and Application Retirement.

In this release, InfoSphere Blueprint Director introduces the concept of a project to organize multiple blueprints. Previously, a blueprint existed as a file independently. In this release, a project can contain any number of blueprints (or even have no blueprints); each blueprint must belong to a project. This enhancement allows you to better structure blueprints. The navigation window, previously called Blueprint Explorer, is enhanced to display not only the elements within a blueprint but also projects and all the blueprints belonging to them. This significantly enhanced navigation window is now called Blueprint Navigator. Users can have multiple blueprints open at the same time and copy and paste elements across various blueprints in order to achieve higher reuse of elements.

In order to improve consumability of InfoSphere Blueprint Director, this release provides a welcome screen that highlights frequently used functions and how to invoke them. Within the InfoSphere Blueprint Director application, users can now access context-sensitive help that is specific to the function or screen that the user is currently performing or seeing. InfoSphere Blueprint Director can now run seamlessly, integrated in the same application window with other Eclipse applications that support shell sharing. For example, InfoSphere Blueprint Director can now be shell shared with IBM InfoSphere Optim Designer, IBM InfoSphere Data Architect, or also IBM Rational Team Concert. This enables a seamless navigation between a blueprint and the other integrated applications.

Enhancements to connectivity within InfoSphere Information Server V8.7

New connectivity in InfoSphere Information Server 8.7 includes Netezza Connector that provides native connectivity to the Netezza appliance while offering improved and consolidated support for greater performance and functionality.

The new DRS connector provides connectivity to Oracle, DB2, and ODBC databases while enabling connectivity to multiple different data sources with a single stage.

The CDC Transaction Stage provides a connectivity bridge between InfoSphere Data Replication (DR)/InfoSphere Change Data Delivery (CDD) and InfoSphere DataStage, thus enabling DR/CDD to integrate with InfoSphere DataStage and utilize guaranteed data delivery and transaction integrity with multiple input link and end-of-wave support.

The new Teradata connector TMSM/Dual Load support provides native support to the Teradata TMSM and Dual Load capability in the Teradata V13.10 release.

The DB2/Z Bulk Load/UnLoad Stage enables FTP data movement and invocation of native DB2/Z utilities, and the new DB2 Connector performance enhancement improves DB2 Connector performance when loading to DB2. The Connector SQL logging allows the connector to log executed SQL statements and display them in the job log at the time of job failure.

The new connector for InfoSphere Guardium integration enables InfoSphere DataStage users to use InfoSphere Guardium to monitor DataStage Connector jobs.

Other new database connectivity enhancements include support for:

- IBM DB2 LUW V9.7 and 9.8 (pureScale)
- IBM DB2/Z V10
- IBM WebSphere® MQ Series V7.0
- Informix® IDS V11.7
- Teradata 13.10, V14.0
- Oracle 11gR2
- Sybase ASE V15.5
- Sybase IQ V15.2
- Netezza V4.6, 6
- DataDirect ODBC V6.1

InfoSphere Information Server for Data Warehousing V8.5

InfoSphere Information Server for Data Warehousing V8.5 delivers key data integration capabilities for clients of IBM Netezza to help optimize return on investment and enable the success of data warehouse implementation. Netezza data warehouse appliances bring the power of analytics directly into the hands of business users within every department of an organization.

Netezza is integrated into the IBM InfoSphere Information Management software portfolio and is an essential component of the smarter business systems that IBM helps companies and organizations build to address the complex business and IT challenges presented by the exponential growth of data.

InfoSphere Information Server for Data Warehousing V8.5 offers key data integration capabilities for organizations deploying the IBM warehouse appliance solutions such as IBM Netezza and IBM Smart Analytics System. These information integration capabilities can enable the success of data warehouse implementations by helping you to:

- Optimize return on investment
- Accelerate time-to-value on data warehouse projects
- Promote line-of-business confidence in warehouse data
- Lower total cost of ownership on an ongoing basis

InfoSphere Information Server for Data Warehousing V8.5 supports accelerated deployment and time-to-value via highly productive user-friendly tools, automated source data analysis, exhaustive prebuilt connectivity, and the ability to easily integrate best practices and reference architectures within the platform. It helps you promote line-of-business confidence in warehouse data via comprehensive data cleansing and quality monitoring capabilities, an accurate understanding of business context associated with the data, and a comprehensive understanding of data lineage that enables better governance and more trustworthy data. It can also help lower the total cost of ownership and reduce ongoing development costs by enabling you to build the warehouse correctly the first time by leveraging built-in best practices, data cleansing capabilities, and user-centric tooling that promotes line-of-business self service.

Availability of national languages

Product description	Language	GA date
IBM InfoSphere Info Server V8.7.0	Multilingual (French, Korean, Chinese - Simplified,	November 21, 2011

	Spanish, Portuguese-Brazilian, German, Japanese, Chinese - Traditional, English, Italian)	
IS 8.5 for Netezza HCA V8.5.0	Multilingual (French, Korean, Chinese - Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese - Traditional, English, Italian)	October 26, 2011
IS DQP 8.5 Netezza HCA V8.5.0	Multilingual (French, Korean, Chinese - Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese - Traditional, English, Italian)	October 26, 2011
IS DS and QS Designer V8.7.0	Multilingual (French, Korean, Chinese - Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese - Traditional, English, Italian)	November 21, 2011
IS DataStage Pk for SAS V8.7.0	Multilingual (French, Korean, Chinese - Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese - Traditional, English, Italian)	November 21, 2011
InfoSphere DataStage Server V8.7.0	Multilingual (French, Korean, Chinese - Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese - Traditional, English, Italian)	November 21, 2011

Program number

Program number	VRM	Program name
5724-Q57	8.7.0	IBM InfoSphere DataStage Pack for SAS
5724-Q47	8.7.0	IBM InfoSphere DataStage Server
5724-Q48	8.7.0	IBM InfoSphere DataStage and QualityStage Designer
5724-Q36	8.7.0	IBM InfoSphere Information Server
5725-C80	8.5.0	IBM InfoSphere Information Server for Data Warehousing

Education support

Available training offerings include client on-site training, public training at IBM facilities, and remote learning via FlexLearning. Through client on-site training, IBM delivers standard or customized training to meet the requirements of its clients. IBM can also provide mobile academies for a rental fee to minimize clients' setup activities.

IBM public training simplifies the process by providing the complete environment for standard course deliveries and giving students the ability to learn without the distractions of everyday responsibilities. Public training is offered on a regular schedule worldwide. For more information on public instructor-led training, visit

<http://www.ibm.com/software/data/ips/services/learning.html>

The newly enhanced FlexLearning program enables clients to attend training on their own schedule at their own location. This program offers state-of-the-art technology to deliver highly valuable training at minimum cost. All current courses are approximately three hours in length and offer a valuable learn-by-doing, self-paced format.

For more information on any of the training offerings, contact

iiseduc@us.ibm.com

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

Documentation provided with InfoSphere Information Server V8.7

Information Center

When you install the product module parts of the acquired offering, the documentation is installed in the IBM InfoSphere Information Server Information Center. The Information Center is also available at

<http://publib.boulder.ibm.com/infocenter/iisinfo/v8r7/index.jsp>

Note: The previous link will become active on October 25, 2011.

The IBM Publications Center

In addition to the documentation provided with the product module parts of the acquired offering, you can also obtain publications from the IBM Publications Center 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. Printed publications can be ordered from the IBM Publications Center. Payment options for orders are via credit card (in the US) or customer number for 20 countries. A large number of publications are available online in various file formats. Those with order numbers that begin with SC or GC can be downloaded by all countries free of charge, and those with order numbers that begin with LC can be purchased by customers with an active product license for the related product.

The following table provides information that can be used to locate this product's publications from the IBM Publications Center.

Title	Publication number
IBM InfoSphere Blueprint Director User's Guide	SC19-3424
IBM InfoSphere Business Glossary Guide to Browsing the IBM InfoSphere Business Glossary	SC19-3428
IBM InfoSphere Business Glossary Administrator's and Author's Guide	SC19-3427
IBM InfoSphere FastTrack Tutorial	SC19-3478
IBM InfoSphere Information Server Administration Guide	SC19-3467
IBM InfoSphere Information Server Guide to Managing Common Metadata	SC19-3604
IBM InfoSphere Information Server Guide to Managing Operational Metadata	SC19-3477
IBM InfoSphere Information Server Guide to Migrating to IBM InfoSphere Information Server Version 8.7	SC19-3468
IBM InfoSphere Information Server Integration Scenario Guide	SC19-3474
IBM InfoSphere Information Server Introduction	SC19-3470
IBM InfoSphere Information Server Manager User's Guide	SC19-3450
IBM InfoSphere Information Server Parallel Engine Message Reference	SC19-3461
IBM InfoSphere Information Server Planning, Installation, and Configuration Guide	GC19-3471
IBM InfoSphere Information Server Reporting Guide	SC19-3472
IBM InfoSphere DataStage BASIC Reference Guide	SC19-3429
IBM InfoSphere DataStage Custom Operator Reference	SC19-3462
IBM InfoSphere DataStage Mainframe Job Developer Guide	SC19-3456
IBM InfoSphere DataStage	SC19-3460

Parallel Job Tutorial	
IBM InfoSphere DataStage Programmer's Guide	SC19-3449
IBM InfoSphere DataStage Server Job Developer's Guide	SC19-3463
IBM InfoSphere DataStage Troubleshooting Guide	SC19-3473
IBM InfoSphere DataStage Web Services Pack Guide	SC19-3464
IBM InfoSphere DataStage XML Pack Guide	SC19-3466
IBM InfoSphere DataStage and QualityStage Administrator Client Guide	SC19-3436
IBM InfoSphere DataStage and QualityStage Connectivity Guide for IBM DB2 Databases	SC19-3430
IBM InfoSphere DataStage and QualityStage Connectivity Guide for IBM Informix Databases	SC19-3439
IBM InfoSphere DataStage and QualityStage Connectivity Guide for IBM Red Brick® Warehouse	SC19-3442
IBM InfoSphere DataStage and QualityStage Connectivity Guide for IBM Universe and UniData	SC19-3447
IBM InfoSphere DataStage and QualityStage Connectivity Guide for IBM InfoSphere Classic Federation Server for z/OS	SC19-3434
IBM InfoSphere DataStage and QualityStage Connectivity Guide for IBM WebSphere MQ Applications	SC19-3448
IBM InfoSphere DataStage and QualityStage Connectivity Guide for Distributed Transactions	LC19-3453
IBM InfoSphere DataStage and QualityStage Connectivity Guide for iway Servers	SC19-3435
IBM InfoSphere DataStage and QualityStage Connectivity Guide for Microsoft™ SQL Server and OLE DB Data	SC19-3437
IBM InfoSphere DataStage and QualityStage Connectivity Guide for Netezza Performance Server	LC18-9946
IBM InfoSphere DataStage and QualityStage Connectivity Guide for ODBC	SC18-9936
IBM InfoSphere DataStage and QualityStage Connectivity Guide for Oracle Databases	SC18-9937
IBM InfoSphere DataStage and QualityStage Connectivity Guide for SAS	LC18-9939
IBM InfoSphere DataStage and QualityStage Connectivity Guide for Stored Procedures	SC18-9940
IBM InfoSphere DataStage and QualityStage Connectivity Guide for Sybase Databases	SC18-9941
IBM InfoSphere DataStage and QualityStage Connectivity Guide for Teradata Databases	LC18-9942
IBM InfoSphere DataStage and QualityStage Connectivity Guide for the Dynamic Relational Stage	LC18-9933
IBM InfoSphere DataStage and QualityStage Designer Client Guide	SC18-9893
IBM InfoSphere DataStage and QualityStage Director Client	SC18-9894

Guide	
IBM InfoSphere DataStage and QualityStage Java™ Pack Guide	SC18-9949
IBM InfoSphere DataStage and QualityStage Globalization Guide	SC18-9896
IBM InfoSphere DataStage and QualityStage Parallel Job Advanced Developer's Guide	SC18-9892
IBM InfoSphere DataStage and QualityStage Parallel Job Developer's Guide	SC18-9891
IBM InfoSphere FastTrack Tutorial	SC19-2924
IBM InfoSphere Information Analyzer Methodology and Best Practices Guide	SC19-2750
IBM InfoSphere Information Analyzer User's Guide	SC18-9902
IBM InfoSphere Information Services Director Administration and Deployment Tool Guide	SC19-2937
IBM InfoSphere Information Services Director User's Guide	SC19-2483
IBM InfoSphere Information Services Director Guide to Publishing Secure Services	SC19-2484
IBM InfoSphere Metadata Workbench Administrator's Guide	SC19-2782
IBM InfoSphere Metadata Workbench Tutorial	SC19-2958
IBM InfoSphere Metadata Workbench User's Guide	SC19-1230
IBM InfoSphere QualityStage Pattern - Action Reference	SC18-9926
IBM InfoSphere QualityStage Tutorial	SC18-9925
IBM InfoSphere QualityStage User Guide	SC18-9922

Documentation provided with InfoSphere Information Server for Data Warehousing V8.5

Information Center

When you install the product module parts of the acquired offering, the documentation is installed in the IBM InfoSphere Information Server Information Center. The Information Center is also available at

<http://publib.boulder.ibm.com/infocenter/iisinfsv/v8r5/index.jsp>

Note: The previous link will become active on October 25, 2011.

The IBM Publications Center

In addition to the documentation provided with the product module parts of the acquired offering, you can also obtain publications from the IBM Publications Center 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. Printed publications can be ordered from the IBM Publications Center. Payment options for orders are via credit card (in the US) or customer number for 20 countries. A large number of publications are available online in various file formats. Those with order numbers that begin with SC or GC can be downloaded by all countries free of charge, and those with order numbers that begin with LC can be purchased by customers with an active product license for the related product.

The following table provides information that can be used to locate this product's publications from the IBM Publications Center.

Title	Publication number
IBM InfoSphere Blueprint Director User's Guide	SC19-3191
IBM InfoSphere Business Glossary Guide to Browsing the IBM InfoSphere Business Glossary	SC19-2454
IBM InfoSphere FastTrack Tutorial	SC19-2924
IBM InfoSphere Information Server Administration Guide	SC18-9929
IBM InfoSphere Information Server Guide to IBM MetaBrokers and Bridges	SC19-2926
IBM InfoSphere Information Server Guide to Managing Operational Metadata	SC19-2424
IBM InfoSphere Information Server Guide to Migrating to IBM InfoSphere Information Server Version 8.5	SC19-2965
IBM InfoSphere Information Server Integration Scenario Guide	SC19-2956
IBM InfoSphere Information Server Introduction	SC19-1049
IBM InfoSphere Information Server Manager User's Guide	SC19-2453
IBM InfoSphere Information Server Parallel Engine Message Reference	SC18-9931
IBM InfoSphere Information Server Planning, Installation, and Configuration Guide	GC19-1048
IBM InfoSphere Information Server Reporting Guide	SC19-1162
IBM InfoSphere Business Glossary Administrator's and Author's Guide	SC19-2455
IBM InfoSphere Business Glossary Guide to Browsing the IBM InfoSphere Business Glossary	SC19-2454
IBM InfoSphere DataStage BASIC Reference Guide	SC18-9897
IBM InfoSphere DataStage Custom Operator Reference	SC19-2925
IBM InfoSphere DataStage Mainframe Job Developer Guide	SC18-9899
IBM InfoSphere DataStage Parallel Job Tutorial	SC18-9889
IBM InfoSphere DataStage Programmer's Guide	SC19-2741
IBM InfoSphere DataStage Server Job Developer's Guide	SC18-9898
IBM InfoSphere DataStage Troubleshooting Guide	SC19-2487
IBM InfoSphere DataStage Web Services Pack Guide	SC18-9948
IBM InfoSphere DataStage XML Pack Guide	SC18-9947
IBM InfoSphere DataStage and QualityStage Administrator Client Guide	SC18-9895
IBM InfoSphere DataStage and QualityStage Connectivity Guide for IBM DB2 Databases	SC18-9932
IBM InfoSphere DataStage and QualityStage Connectivity Guide for IBM Informix Databases	SC18-9934

IBM InfoSphere DataStage and QualityStage Connectivity Guide for IBM Red Brick Warehouse	SC18-9938
IBM InfoSphere DataStage and QualityStage Connectivity Guide for IBM Universe and UniData	SC18-9943
IBM InfoSphere DataStage and QualityStage Connectivity Guide for IBM InfoSphere Classic Federation Server for z/OS	SC19-1052
IBM InfoSphere DataStage and QualityStage Connectivity Guide for IBM WebSphere MQ Applications	SC18-9944
IBM InfoSphere DataStage and QualityStage Connectivity Guide for Distributed Transactions	LC19-1311
IBM InfoSphere DataStage and QualityStage Connectivity Guide for iway Servers	SC18-9945
IBM InfoSphere DataStage and QualityStage Connectivity Guide for Microsoft SQL Server and OLE DB Data	SC18-9935
IBM InfoSphere DataStage and QualityStage Connectivity Guide for Netezza Performance Server	LC18-9946
IBM InfoSphere DataStage and QualityStage Connectivity Guide for ODBC	SC18-9936
IBM InfoSphere DataStage and QualityStage Connectivity Guide for Oracle Databases	SC18-9937
IBM InfoSphere DataStage and QualityStage Connectivity Guide for SAS	LC18-9939
IBM InfoSphere DataStage and QualityStage Connectivity Guide for Stored Procedures	SC18-9940
IBM InfoSphere DataStage and QualityStage Connectivity Guide for Sybase Databases	SC18-9941
IBM InfoSphere DataStage and QualityStage Connectivity Guide for Teradata Databases	LC18-9942
IBM InfoSphere DataStage and QualityStage Connectivity Guide for the Dynamic Relational Stage	LC18-9933
IBM InfoSphere DataStage and QualityStage Designer Client Guide	SC18-9893
IBM InfoSphere DataStage and QualityStage Director Client Guide	SC18-9894
IBM InfoSphere DataStage and QualityStage Java Pack Guide	SC18-9949
IBM InfoSphere DataStage and QualityStage Globalization Guide	SC18-9896
IBM InfoSphere DataStage and QualityStage Parallel Job Advanced Developer's Guide	SC18-9892
IBM InfoSphere DataStage and QualityStage Parallel Job Developer's Guide	SC18-9891
IBM InfoSphere FastTrack Tutorial	SC19-2924
IBM InfoSphere Information Analyzer Methodology and Best Practices Guide	SC19-2750
IBM InfoSphere Information Analyzer User's Guide	SC18-9902
IBM InfoSphere Information Services Director Administration and Deployment Tool Guide	SC19-2937

IBM InfoSphere Information Services Director User's Guide	SC19-2483
IBM InfoSphere Information Services Director Guide to Publishing Secure Services	SC19-2484
IBM InfoSphere Metadata Workbench Administrator's Guide	SC19-2782
IBM InfoSphere Metadata Workbench Tutorial	SC19-2958
IBM InfoSphere Metadata Workbench User's Guide	SC19-1230
IBM InfoSphere QualityStage Pattern - Action Reference	SC18-9926
IBM InfoSphere QualityStage Tutorial	SC18-9925
IBM InfoSphere QualityStage User Guide	SC18-9922

Technical information

Specified operating environment

Hardware and software requirements

InfoSphere Information Server V8.7:

The specifications of the program and specified operating environment information may be found in the documentation accompanying the program, if available. This includes 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.

Refer to the system requirements website, listed below for each product module, for information regarding software requirements.

IBM InfoSphere Information Server

<http://www.ibm.com/software/data/infosphere/info-server/overview/requirements.html>

IBM InfoSphere QualityStage

<http://www.ibm.com/software/data/infosphere/qualitystage/requirements.html>

IBM InfoSphere DataStage

<http://www.ibm.com/software/data/infosphere/datastage/requirements.html>

IBM InfoSphere Information Services Director

<http://www.ibm.com/software/data/infosphere/information-services-director/requirements.html>

IBM InfoSphere Business Glossary

<http://www.ibm.com/software/data/infosphere/business-glossary/requirements.html>

IBM InfoSphere FastTrack

<http://www.ibm.com/software/data/infosphere/fasttrack/requirements.html>

IBM InfoSphere Information Analyzer

<http://www.ibm.com/software/data/infosphere/information-analyzer/requirements.html>

IBM InfoSphere Metadata Workbench

<http://www.ibm.com/software/data/infosphere/metadata-workbench/requirements.html>

IBM InfoSphere Change Data Delivery for Information Server

<http://www-01.ibm.com/software/data/infosphere/change-data-capture/requirements.html>

Note: The product includes entitlement to IBM DB2 Enterprise Server Edition V9.7 for specific uses as defined within the software license. IBM DB2 offers increased data protection, scalability, and performance for database-intensive operations in order to manage data more effectively and efficiently. Greater availability is delivered through enhancements such as online, automated database reorganization. In addition, the increased scalability and the ability to leverage the latest in server technology help deliver increased performance of backup and recovery processes.

InfoSphere Information Server for Data Warehousing V8.5:

The specifications of the program and specified operating environment information may be found in the documentation accompanying the program, if available. This includes 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.

Refer to the system requirements website, listed below for each product module, for information regarding software requirements.

IBM InfoSphere Information Server

<http://www.ibm.com/software/data/infosphere/info-server/overview/requirements.html>

InfoSphere Discovery

<http://www-01.ibm.com/software/data/infosphere/discovery/requirements.html>

Note: The IBM InfoSphere Information Server for Data Warehousing programs may only load to certain hardware targets, which are specified in the Program license. Refer to the Program license, Program Unique Terms for details.

Limitations

For additional information, refer to the usage restrictions 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

Installability

Software Subscription and Support (also referred to as Software Maintenance) is included with licenses purchased through Passport Advantage and Passport Advantage Express. Product upgrades and technical support are provided by the 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.

Security, auditability, and control

These products use 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

These products are only available via Passport Advantage. They are not available as shrinkwrap.

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

For more information about IBM Software ValueNet, visit

http://www-01.ibm.com/software/lotus/passportadvantage/IBM_SW_ValueNet.html

To locate IBM Business Partners for Software ValueNet in your geography for a specific Software ValueNet portfolio, contact your IBM representative.

Product information

Licensed function title	Product group	Product category
IBM InfoSphere Business Glossary	Information Integration Solutions	IBM Information Server
IBM InfoSphere Business Glossary Anywhere	Information Integration Solutions	IBM Information Server
IBM InfoSphere Business Glossary Anywhere for Non-Prod Environments	Information Integration Solutions	IBM Information Server
IBM InfoSphere Business Glossary for Non-Production Environments	Information Integration Solutions	IBM Information Server
IBM InfoSphere Change Data Delivery for Information Server	Information Integration Solutions	IBM Information Server
IBM InfoSphere Change Data Delivery for Information Server for Non-Prod	Information Integration Solutions	IBM Information Server
IBM InfoSphere DataStage	Information Integration Solutions	IBM Information Server
IBM InfoSphere DataStage Balanced Optimization	Information Integration Solutions	IBM Information Server
IBM InfoSphere DataStage Balanced Optimization for Non-Prod Environments	Information Integration Solutions	IBM Information Server
IBM InfoSphere DataStage MVS™ Edition	Information Integration Solutions	IBM Information Server Companion Products
IBM InfoSphere DataStage Pack for SAS	Information Integration Solutions	IBM Information Server Companion Products

IBM InfoSphere DataStage Pack for SAS for Non-Production Environments	Information Integration Solutions	IBM Information Server Companion Products
IBM InfoSphere DataStage Server	Information Integration Solutions	IBM Information Server Companion Products
IBM InfoSphere DataStage Server for Non-Production Environments	Information Integration Solutions	IBM Information Server Companion Products
IBM InfoSphere DataStage and QualityStage Designer	Information Integration Solutions	IBM Information Server Companion Products
IBM InfoSphere DataStage for Non-Production Environments	Information Integration Solutions	IBM Information Server
IBM InfoSphere FastTrack	Information Integration Solutions	IBM Information Server
IBM InfoSphere Information Analyzer	Information Integration Solutions	IBM Information Server
IBM InfoSphere Information Analyzer Exception Manager	Information Integration Solutions	IBM Information Server
IBM InfoSphere Information Analyzer workbench	Information Integration Solutions	IBM Information Server
IBM InfoSphere Information Analyzer for Non-Production Environments	Information Integration Solutions	IBM Information Server
IBM InfoSphere Information Server DQP for Netezza High Capacity Appliance	Information Integration Solutions	IBM Information Server
IBM InfoSphere Information Server for Netezza High Capacity Appliance	Information Integration Solutions	IBM Information Server
IBM InfoSphere Information Services Director	Information Integration Solutions	IBM Information Server
IBM InfoSphere Information Services Director for NonProduction Environments	Information Integration Solutions	IBM Information Server
IBM InfoSphere Metadata workbench	Information Integration Solutions	IBM Information Server Companion Products
IBM InfoSphere QualityStage	Information Integration Solutions	IBM Information Server
IBM InfoSphere QualityStage for Non-Production Environments	Information Integration Solutions	IBM Information Server
Program name	PID number	Charge unit description
IBM InfoSphere Business Glossary	5724-Q36	Per Processor Value Unit (PVU)
IBM InfoSphere Business Glossary	5724-Q36	Per Authorized User
IBM InfoSphere Business Glossary	5724-Q36	Per Authorized User for Linux™ on System z

IBM InfoSphere Business Glossary	5724-Q36	Per Processor Value Unit for Linux on System z
IBM InfoSphere Business Glossary Anywhere	5724-Q36	Per Processor Value Unit (PVU)
IBM InfoSphere Business Glossary Anywhere	5724-Q36	Per Processor Value Unit for Linux on System z
IBM InfoSphere Business Glossary Anywhere for Non-Prod Environments	5724-Q36	Per Processor Value Unit for Linux on System z
IBM InfoSphere Business Glossary Anywhere for Non-Prod Environments	5724-Q36	Per Processor Value Unit (PVU)
IBM InfoSphere Business Glossary for Non-Production Environments	5724-Q36	Per Processor Value Unit for Linux on System z
IBM InfoSphere Business Glossary for Non-Production Environments	5724-Q36	Per Processor Value Unit (PVU)
IBM InfoSphere Change Data Delivery for Information Server	5724-Q36	Per Processor Value Unit for Linux on System z
IBM InfoSphere Change Data Delivery for Information Server	5724-Q36	Per Processor Value Unit (PVU)
IBM InfoSphere Change Data Delivery for Information Server for Non-Prod	5724-Q36	Per Processor Value Unit for Linux on System z
IBM InfoSphere Change Data Delivery for Information Server for Non-Prod	5724-Q36	Per Processor Value Unit (PVU)
IBM InfoSphere DataStage	5724-Q36	Per Processor Value Unit for Linux on System z
IBM InfoSphere DataStage	5724-Q36	Per Processor Value Unit (PVU)
IBM InfoSphere DataStage Balanced Optimization	5724-Q36	Per Processor Value Unit (PVU)
IBM InfoSphere DataStage Balanced Optimization for Non-Prod Environments	5724-Q36	Per Processor Value Unit (PVU)
IBM InfoSphere DataStage MVS Edition	5724-Q36	PA Per Install
IBM InfoSphere DataStage Pack for SAS	5724-Q57	PA Per Install
IBM InfoSphere DataStage Pack for SAS for Non-Production Environments	5724-Q57	PA Per Install
IBM InfoSphere DataStage Server	5724-Q47	Per Processor Value Unit (PVU)
IBM InfoSphere DataStage Server	5724-Q47	Per Processor Value Unit for Linux on System z
IBM InfoSphere DataStage Server for Non-Production Environments	5724-Q47	Per Processor Value Unit for Linux on System z
IBM InfoSphere DataStage Server for Non-Production Environments	5724-Q47	Per Processor Value Unit (PVU)
IBM InfoSphere DataStage and QualityStage Designer	5724-Q48	Per Concurrent User
IBM InfoSphere DataStage and QualityStage Designer	5724-Q48	Per Concurrent User for Linux on System z
IBM InfoSphere DataStage for Non-Production Environments	5724-Q36	Per Processor Value Unit (PVU)
IBM InfoSphere DataStage for Non-Production Environments	5724-Q36	Per Processor Value Unit for Linux on System z

IBM InfoSphere FastTrack	5724-Q36	Per 10 Authorized Users for Linux on System z
IBM InfoSphere FastTrack	5724-Q36	Per 10 Authorized Users
IBM InfoSphere Information Analyzer	5724-Q36	Per Processor Value Unit (PVU)
IBM InfoSphere Information Analyzer	5724-Q36	Per Processor Value Unit for Linux on System z
IBM InfoSphere Information Analyzer Exception Manager	5724-Q36	Per Authorized User
IBM InfoSphere Information Analyzer Exception Manager	5724-Q36	Per Authorized User for Linux on System z
IBM InfoSphere Information Analyzer Workbench	5724-Q36	Per Concurrent User for Linux on System z
IBM InfoSphere Information Analyzer Workbench	5724-Q36	Per Concurrent User
IBM InfoSphere Information Analyzer for Non-Production Environments	5724-Q36	Per Processor Value Unit (PVU)
IBM InfoSphere Information Analyzer for Non-Production Environments	5724-Q36	Per Processor Value Unit for Linux on System z
IBM InfoSphere Information Server DQP for Netezza High Capacity Appliance	5725-C80	Per Managed Server
IBM InfoSphere Information Server for Netezza High Capacity Appliance	5725-C80	Per Managed Server
IBM InfoSphere Information Services Director	5724-Q36	Per Processor Value Unit for Linux on System z
IBM InfoSphere Information Services Director	5724-Q36	Per Processor Value Unit (PVU)
IBM InfoSphere Information Services Director for NonProduction Environments	5724-Q36	Per Processor Value Unit (PVU)
IBM InfoSphere Information Services Director for NonProduction Environments	5724-Q36	Per Processor Value Unit for Linux on System z
IBM InfoSphere Metadata Workbench	5724-Q36	Per Authorized User
IBM InfoSphere Metadata Workbench	5724-Q36	Per Authorized User for Linux on System z
IBM InfoSphere QualityStage	5724-Q36	Per Processor Value Unit for Linux on System z
IBM InfoSphere QualityStage	5724-Q36	Per Processor Value Unit (PVU)
IBM InfoSphere QualityStage for Non-Production Environments	5724-Q36	Per Processor Value Unit for Linux on System z
IBM InfoSphere QualityStage for Non-Production Environments	5724-Q36	Per Processor Value Unit (PVU)

Charge metrics definitions

Managed Server

Managed Server is a unit of measure by which the program can be licensed. A server is a physical computer that is comprised of processing units, memory, and input/output capabilities and that executes requested procedures, commands, or applications for one or more users or client devices. Where racks, blade enclosures, or other similar equipment is being employed, each separable physical device (for

example, a blade or a rack-mounted device) that has the required components is considered itself a separate server. Licensee must obtain Managed Server entitlements for each server managed by the program.

Authorized User

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

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.

Concurrent User

Concurrent User is the unit of measure by which this program is licensed. A Concurrent User is a shared user access to the program within or outside of your enterprise. The program may be installed only on one computer or one server. The total number of Concurrent Users simultaneously accessing the program at any moment in time may not exceed the highest number of Concurrent Users authorized by the Proof of Entitlement (PoE). You must have an entitlement for each Concurrent User simultaneously accessing the program or any program component in any manner directly or indirectly (for example, via a multiplexing program, device, or application server) through any means.

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.

Install

Install is a unit of measure by which the program can be licensed. An install is an installed copy of the program on a physical or virtual disk made available to be executed on a computer. Licensee must obtain an entitlement for each install of the program.

Processor Value Unit (PVU)

Processor Value Unit (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 following website 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

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 (see web page below). If using Full Capacity licensing, Licensee must obtain PVU entitlements sufficient to cover all activated processor cores¹ 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

1

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.
- Express and Workgroup programs may be licensed with maximum use terms. In that case, the following applies: The maximum authorized use terms and conditions for PVU licensed IBM Express and Middleware Programs can be found in the *IBM Express and Middleware Licensing Guide*.

Passport Advantage program licenses

IBM IS DataStage and QualityStage Designer

Part description	Part number
IBM InfoSphere DataStage and QualityStage Designer IS DataStage and QualityStage Designer Conc User Annual SW S&S Rnw1	E04NZLL
IS DataStage and QualityStage Designer Conc User Lic + SW S&S 12 Mo	D03SGLL
IS DataStage and QualityStage Designer Conc User SW S&S Reinstate 12 Mo	D03SHLL

IBM InfoSphere DataStage Pack for SAS

Part description	Part number
IBM InfoSphere DataStage Pack for SAS IS DataStage Pk for SAS PA Per Install License + SW Sub & Support 12 Mo	D0CZELL
IS DataStage Pk for SAS PA Per Install SW Sub & Support Reinstate 12 Mo	D0CZFLL
IS DataStage Pk for SAS PA Per Install SW Subscription & Support Renewal	E08RSLL

IBM InfoSphere DataStage Pack for SAS

Part description	Part number
IBM InfoSphere DataStage Pack for SAS for Non-Production Environments IS DataStage Pk for SAS Non-Prod PA Per Install Lic + SW Sub & Supt 12Mo	D0CZGLL
IS DataStage Pk for SAS Non-Prod PA Per Install SW Sub & Sub Reinstate 12Mo	D0CZHLL
IS DataStage Pk for SAS Non-Prod PA Per Install SW Sub & Sup Renewal	E08RTL

IBM InfoSphere DataStage Server

Part description	Part number
IBM InfoSphere DataStage Server for Non-Production Environments	
IS DS Server for NonProd Env Per Processor Value Unit (PVU) Annual SW S&S	E04P3LL
IS DS Server for NonProd Env Per Processor Value Unit (PVU) Lic + SW S&S 1	D03SPLL
IS DS Server for NonProd Env Per Processor Value Unit (PVU) SW S&S Reinsta	D03SRL

IBM InfoSphere DataStage Server

Part description	Part number
IBM InfoSphere DataStage Server	
InfoSphere DataStage Server Per Processor Value Unit (PVU) Annual SW S&S R	E04P9LL
InfoSphere DataStage Server Per Processor Value Unit (PVU) Lic + SW S&S 12	D03SYLL
InfoSphere DataStage Server Per Processor Value Unit (PVU) SW S&S Reinstat	D03SZLL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere DataStage MVS Edition	
IS DataStage MVS Edition PA Per Install Annual SW S&S Rnw1	E08RLL
IS DataStage MVS Edition PA Per Install Lic + SW S&S 12 Mo	D0CYHLL
IS DataStage MVS Edition PA Per Install SW S&S Reinstat 12 Mo	D0CYILL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere Business Glossary	
IS Business Glossary Per Authorized User Annual SW S&S Rnw1	E04PXL
IS Business Glossary Per Authorized User Lic + SW S&S 12 Mo	D03UVLL
IS Business Glossary Per Authorized User SW S&S Reinstat 12 Mo	D03UWLL
IS Business Glossary Per Processor Value Unit (PVU) Annual SW S&S Rnw1	E04PWLL
IS Business Glossary Per Processor Value Unit (PVU) Lic + SW S&S 12 Mo	D03USLL
IS Business Glossary Per Processor Value Unit (PVU) SW S&S Reinstat 12 Mo	D03UTLL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere Business Glossary for Non-Production Environments	
IS BG for Non-Prod Env Per Processor Value Unit (PVU) Annual SW S&S Rnw1	E04QBL
IS BG for Non-Prod Env Per Processor Value Unit (PVU) Lic + SW S&S 12 Mo	D03VZLL
IS BG for Non-Prod Env Per Processor Value Unit (PVU) SW S&S Reinstat 12	D03W0LL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere Information Analyzer	
IS Information Analyzer Per Processor Value Unit (PVU) Annual SW S&S Rnw1	E04PSLL
IS Information Analyzer Per Processor Value Unit (PVU) Lic + SW S&S 12 Mo	D03UGLL
IS Information Analyzer Per Processor Value Unit (PVU) SW S&S Reinstate 12	D03UHLL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere DataStage for Non-Production Environments	
IS DataStage Non-Prod Env Per Processor Value Unit (PVU) Annual SW S&S Rnw1	E04PLLL
IS DataStage Non-Prod Env Per Processor Value Unit (PVU) Lic + SW S&S 12 Mo	D03TVLL
IS DataStage Non-Prod Env Per Processor Value Unit (PVU) SW S&S Reinstate	D03TYLL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere DataStage InfoSphere DataStage Per Processor Value Unit (PVU) Annual SW S&S Rnw1	E04PJLL
InfoSphere DataStage Per Processor Value Unit (PVU) Lic + SW S&S 12 Mo	D03TTLL
InfoSphere DataStage Per Processor Value Unit (PVU) SW S&S Reinstate 12 Mo	D03TWLL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere QualityStage	
IS QualityStage Per Processor Value Unit (PVU) Annual SW S&S Rnw1	E04PQLL
IS QualityStage Per Processor Value Unit (PVU) Lic + SW S&S 12 Mo	D03U7LL
IS QualityStage Per Processor Value Unit (PVU) SW S&S Reinstate 12 Mo	D03UALL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere QualityStage for Non-Production Environments	
IS QualityStage Non-Prod Env Per Processor Value Unit (PVU) Annual SW S&S	E04PYLL
IS QualityStage Non-Prod Env Per Processor Value Unit (PVU) Lic + SW S&S 1	D03UYLL
IS QualityStage Non-Prod Env Per Processor Value Unit (PVU) SW S&S Reinsta	D03UZLL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere Information Services Director IS Info Services Director Per Processor Value Unit (PVU) Annual SW S&S Rnw	E04PFL
IS Info Services Director Per Processor Value Unit (PVU) Lic + SW S&S 12 Mo	D03TDLL
IS Info Services Director Per Processor Value Unit (PVU) SW S&S Reinstate	D03TGLL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere Information Services Director for NonProduction Environments IS Info Srvcs Dir Non-Prod Per Processor Value Unit (PVU) Annual SW S&S Rn	E04PHLL
IS Info Srvcs Dir Non-Prod Per Processor Value Unit (PVU) Lic + SW S&S 12	D03TFLL
IS Info Srvcs Dir Non-Prod Per Processor Value Unit (PVU) SW S&S Reinstate	D03TILL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere Change Data Delivery for Information Server IBM IS CDD for IS Per Processor Value Unit (PVU) Annual SW S&S Rnw	E08SBLL
IBM IS CDD for IS Per Processor Value Unit (PVU) Lic + SW S&S 12 Mo	D0D15LL
IBM IS CDD for IS Per Processor Value Unit (PVU) SW S&S Reinstate 12 Mo	D0D16LL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere FastTrack InfoSphere FastTrack 10 Authorized Users Annual SW S&S Rnw	E04JSL
InfoSphere FastTrack 10 Authorized Users Lic + SW S&S 12 Mo	D03JMLL
InfoSphere FastTrack 10 Authorized Users SW S&S Reinstate 12 Mo	D03JNLL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere Business Glossary Anywhere IBM InfoSphere BGA Per Processor Value Unit (PVU) Annual SW S&S Rnw	E04PMLL
IBM InfoSphere BGA Per Processor Value Unit (PVU) Lic + SW S&S 12 Mo	D03U2LL
IBM InfoSphere BGA Per Processor Value Unit (PVU) SW S&S Reinstate 12 Mo	D03U3LL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere Business Glossary Anywhere for Non-Prod Environments	
InfoSphere BGA NP Env Per Processor Value Unit (PVU) Annual SW S&S Rn	E04Q8LL
InfoSphere BGA NP Env Per Processor Value Unit (PVU) Lic + SW S&S 12	D03VRLL
InfoSphere BGA NP Env Per Processor Value Unit (PVU) SW S&S Reinstate	D03VSLL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere Information Analyzer for Non-Production Environments	
IS Info Analyzer Non Prod Per Processor Value Unit (PVU) Annual SW S&S Rnw1	E08DILL
IS Info Anlyzr Non-Prod Per Processor Value Unit (PVU) Lic + SW S&S 12 Mo	D0C5WLL
IS Info Anlyzr Non-Prod Per Processor Value Unit (PVU) SW S&S Reinstate 12	D0C5XLL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere Information Analyzer Exception Manager	
IS IA Exception Manager Per Authorized User Annual SW S&S Rnw1	E08DHLL
IS IA Exception Manager Per Authorized User Lic + SW S&S 12 Mo	D0C5ULL
IS IA Exception Manager Per Authorized User SW S&S Reinstate 12 Mo	D0C5VLL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere Information Analyzer Workbench	
IBM IS Info Anlyzr Wkbnch Per Concurrent User Annual SW S&S Rnw1	E08RLLL
IBM IS Info Anlyzr Wkbnch Per Concurrent User Lic + SW S&S 12 Mo	D0CYJLL
IBM IS Info Anlyzr Wkbnch Per Concurrent User SW S&S Reinstate 12 Mo	D0CYKLL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere Change Data Delivery for Information Server for Non-Prod	
IBM IS CDD for IS NP Per Processor Value Unit (PVU) Annual SW S&S Rnw1	E08SDLL
IBM IS CDD for IS NP Per Processor Value Unit (PVU) Lic + SW S&S 12 Mo	D0D19LL
IBM IS CDD for IS NP Per Processor Value Unit (PVU) SW S&S Reinstate 12 Mo	D0D1ALL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere DataStage Balanced Optimization for Non-Prod Environments	
IS DS Bal Optimization NProd Per Processor Value Unit (PVU) Annual SW S&S	E05YSLL
IS DS Bal Optimization NProd Per Processor Value Unit (PVU) Lic + SW S&S 1	D06S5LL
IS DS Bal Optimization NProd Per Processor Value Unit (PVU) SW S&S Reinsta	D06S6LL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere Metadata Workbench	
InfoSphere Metadata Workbench Authorized User Annual SW S&S Rnw1	E04QFLL
InfoSphere Metadata Workbench Authorized User Lic + SW S&S 12 Mo	D03W9LL
InfoSphere Metadata Workbench Authorized User SW S&S Reinstate 12 Mo	D03WALL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere DataStage Balanced Optimization	
IS DS Balanced Optimization Per Processor Value Unit (PVU) Annual SW S&S R	E05Z3LL
IS DS Balanced Optimization Per Processor Value Unit (PVU) Lic + SW S&S 12	D06SPLL
IS DS Balanced Optimization Per Processor Value Unit (PVU) SW S&S Reinstat	D06SQLL

InfoSphere Information Server for Data Warehousing

Part description	Part number
IBM InfoSphere Information Server DQP for Netezza High Capacity Appliance	
IS Info Svr DQP Netezza High Capacity Appliance Mngd Svr Annual SW S&S Rnw1	E0D0WLL
IS Info Svr DQP Netezza High Capacity Appliance Mngd Svr Lic + SW S&S 12 Mo	D0LT9LL
IS Info Svr DQP Netezza High Capacity Appliance Mngd Svr SW S&S Reinstate 12	D0LTALL

InfoSphere Information Server for Data Warehousing

Part description	Part number
IBM InfoSphere Information Server for Netezza High Capacity Appliance	
IS Info Svr Netezza High Capacity Appliance Managed Svr Annual SW S&S Rnw1	E0D0TLL
IS Info Svr Netezza High Capacity Appliance Managed Svr Lic + SW S&S 12 Mo	D0LT5LL
IS Info Svr Netezza High Capacity Appliance Managed Svr SW S&S Reinstate 12	D0LT6LL

Passport Advantage trade-up licenses

IBM InfoSphere DataStage and QualityStage Designer

Precursor product	Trade-up product	Trade-up part number
IBM InfoSphere DataStage and QualityStage Designer		
IBM InfoSphere DataStage and QualityStage Designer Workgroup Edition	IS DS and QS D CU from IS DS and QS D WE CU Trade Up Lic + SW S&S 12 Mo	D0ITTL

IBM InfoSphere Information Server

Precursor product	Trade-up product	Trade-up part number
IBM InfoSphere Information Analyzer for Non-Production Environments		
IBM InfoSphere Information Analyzer Workgroup Edition for Non Prod Env	IS IA NP PVU from IS IA WE NP PVU Trade Up Lic + SW Sub 12 Mo	D0IU3LL

IBM InfoSphere Information Server

Precursor product	Trade-up product	Trade-up part number
IBM InfoSphere FastTrack Workgroup Edition		
IBM InfoSphere FastTrack Workgroup Edition	IS FastTrack 10 AU from IS FastTrack WE 10 AU Trade Up Lic + SW S&S 12	D0ITZLL

IBM InfoSphere Information Server

Precursor product	Trade-up product	Trade-up part number
IBM InfoSphere Metadata Workbench		
IBM InfoSphere Metadata Workbench Workgroup Edition	IS MDWB AU from IS MDWB WE AU Trade Up Lic + SW S&S 12 Mo	D0IU7LL

IBM InfoSphere Information Server

Precursor product	Trade-up product	Trade-up part number
IBM InfoSphere Information Analyzer Workbench		
IBM InfoSphere Information Analyzer Workbench Workgroup Edition	IS IA Wkbnch CU from IS IA Wkbnch WE CU Trade Up Lic + SW S&S 12 Mo	D0IU5LL

IBM InfoSphere Information Server

Precursor product	Trade-up product	Trade-up part number
IBM InfoSphere Information Analyzer		
IBM InfoSphere Information Analyzer Workgroup Edition	IS IA PVU from IS IA WE PVU Trade Up Lic + SW Sub 12 Mo	D0IU4LL

IBM InfoSphere Information Server

Precursor product	Trade-up product	Trade-up part number
IBM InfoSphere DataStage for Non-Production Environments		
IBM InfoSphere DataStage Workgroup Edition for Non-Production Environments	IS DS NP PVU from IS DS WE NP PVU Trade Up Lic + SW	D0ITXLL
IBM InfoSphere DataStage Server for Non-Production Environments	IS DataStage Non-Prod PVU frm IS DataStage Svr Non-Prod PVU Trade Up Lic+SW	D03U0LL

IBM InfoSphere Information Server

Precursor product	Trade-up product	Trade-up part number
IBM InfoSphere Business Glossary		
IBM InfoSphere Business Glossary for Cognos	IS Business Glossary AU from IS BG for Cognos AU Trade Up Lic+SW S&S 12 Mo	D0AS5LL
IBM InfoSphere Business Glossary for Cognos for Non-Production Environments	IS Business Glossary NP PVU frm IS BG for Cognos NP PVU Trade Up Lic+SW S&S	D0AS6LL
IBM InfoSphere Business Glossary for Cognos	IS Business Glossary PVU from IS BG for Cognos PVU Trade Up Lic + SW S&S	D0AS4LL

IBM InfoSphere Information Server

Precursor product	Trade-up product	Trade-up part number
IBM InfoSphere QualityStage for Non-Production Environments		
IBM InfoSphere QualityStage Workgroup Edition for Non-Prod Env	IS QS NP PVU from IS QS WE NP PVU Trade Up Lic +SW Sub 12 MO	D0IUBLL

IBM InfoSphere Information Server

Precursor product	Trade-up product	Trade-up part number
IBM InfoSphere DataStage IBM InfoSphere DataStage Server	IS DataStage PVU from IS DataStage Svr PVU Trade Up Lic + SW S&S	D03TZLL
IBM InfoSphere DataStage Workgroup Edition	IS DataStage PVU from IS DataStage WE PVU Trade Up Lic + SW S&S	D0ITYLL

IBM InfoSphere Information Server

Precursor product	Trade-up product	Trade-up part number
IBM InfoSphere QualityStage IBM InfoSphere QualityStage Workgroup Edition	IS QS PVU from IS QS WE PVU Trade Up Lic + SW S&S 12 Mo	D0IUCLL

Passport Advantage supply

Program name/description	Part number
IBM InfoSphere Info Server V8.7.0	
IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IS 8.5 for Netezza HCA V8.5.0 Info Svr 8.5 for Netezza High Capacity Appliance Multiplatform Multilingual	BY05MML
IS DQP 8.5 Netezza HCA V8.5.0 Info Svr DQP 8.5 Netezza High Capacity Appliance Multiplat Multilingual	BY05NML
IS DS and QS Designer V8.7.0 IS DataStage and QualityStage Designer v8.7 Multiplatform Multilingual	BY05SML
IS DataStage Pk for SAS V8.7.0 InfoSphere DataStage Pack for SAS v8.7 Multiplatform Multilingual	BY05RML
InfoSphere DataStage Server V8.7.0 InfoSphere DataStage Server v8.7 Multiplatform Multilingual	BY05QML

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.

InfoSphere DataStage and QualityStage Designer V8.7.0

Entitled maintenance offerings description	Media packs description	Part number
IBM InfoSphere DataStage and QualityStage Designer Concurrent User	IS DataStage and QualityStage Designer v8.7 Multiplatform Multilingual	BY05SML
IBM InfoSphere DataStage and QualityStage Designer Concurrent User for Linux on System z	IS DataStage and QualityStage Designer v8.7 Multiplatform Multilingual	BY05SML
WebSphere DataStage and QualityStage Designer 5 Auth Usrs	IS DataStage and QualityStage Designer v8.7 Multiplatform Multilingual	BY05SML

InfoSphere DataStage Pack for SAS V8.7.0

Entitled maintenance offerings description	Media packs description	Part number
InfoSphere DataStage Pack for SAS PA per Install	InfoSphere DataStage Pack for SAS v8.7 Multiplatform Multilingual	BY05RML
InfoSphere DataStage Pack for SAS for Non-Production Environments PA per Install	InfoSphere DataStage Pack for SAS v8.7 Multiplatform Multilingual	BY05RML

InfoSphere DataStage Server V8.7.0

Entitled maintenance offerings description	Media packs description	Part number
IBM InfoSphere DataStage Server Processor Value Unit (PVU)	InfoSphere DataStage Server v8.7 Multiplatform Multilingual	BY05QML
IBM InfoSphere DataStage Server Processor Value Unit (PVU) for Linux on System z	InfoSphere DataStage Server v8.7 Multiplatform Multilingual	BY05QML
IBM InfoSphere DataStage Server for Non-Production Environments Processor Value Unit (PVU)	InfoSphere DataStage Server v8.7 Multiplatform Multilingual	BY05QML
IBM InfoSphere DataStage Server for Non-Production Environments Processor Value Unit (PVU) for Linux on System z	InfoSphere DataStage Server v8.7 Multiplatform Multilingual	BY05QML

IBM InfoSphere Information Server V8.7.0

Entitled maintenance offerings description	Media packs description	Part number
IBM InfoSphere Business Glossary Anywhere Processor Value Unit (PVU)	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere Business Glossary Anywhere Processor Value Unit (PVU) for Linux on System z	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere Business Glossary Anywhere for Non-Production Environments Processor Value Unit (PVU)	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere Business Glossary Anywhere for Non-Production Environments Processor Value Unit (PVU) for Linux on System z	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere Business Glossary Authorized User	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere Business Glossary Authorized User for Linux on System z®	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere Business Glossary Processor Value Unit (PVU)	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere Business Glossary Processor Value Unit (PVU) for Linux on System z	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML

IBM InfoSphere Business Glossary for Non-Production Environments Processor Value Unit (PVU)	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere Business Glossary for Non-Production Environments Processor Value Unit (PVU) for Linux on System z	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere Change Data Delivery for Information Server Processor Value Unit	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere Change Data Delivery for Information Server Processor Value Unit Linux on System z	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere Change Data Delivery for Information Server for Non-Production Environments Processor Value Unit	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere Change Data Delivery for Information Server for Non-Production Environments Processor Value Unit Linux on System z	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere DataStage Balanced Optimization NP Processor Value Unit (PVU)	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere DataStage Balanced Optimization NP Processor Value Unit (PVU)	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere DataStage Balanced Optimization Processor Value Unit (PVU)	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere DataStage Balanced Optimization Processor Value Unit (PVU)	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere DataStage MVS Edition PA per Install	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere DataStage Processor Value Unit (PVU)	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere DataStage Processor Value Unit (PVU) for Linux on System z	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere DataStage for Non-Production Environments Processor Value Unit (PVU)	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere DataStage for Non-Production Environments Processor Value Unit (PVU) for Linux on System z	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere FastTrack 10 Authorized Users	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere FastTrack 10 Authorized Users for Linux on System z	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere Information Analyzer Exception Manager PA per Authorized User	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere Information Analyzer Exception Manager PA per Authorized User for Linux on System z	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere Information	IBM InfoSphere Information	BY05PML

Analyzer Processor Value Unit (PVU)	Server v8.7 Multiplatform Multilingual	
IBM InfoSphere Information Analyzer Processor Value Unit (PVU) for Linux on System z	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere Information Analyzer workbench per Concurrent User	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere Information Analyzer workbench per Concurrent User Linux on System z	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere Information Analyzer for Non-Production Environments PA per Processor Value Unit (PVU)	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere Information Analyzer for Non-Production Environments PA per Processor Value Unit (PVU) for Linux on System z	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere Information Services Director Processor Value Unit (PVU)	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere Information Services Director Processor Value Unit (PVU) for Linux on System z	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere Information Services Director for Non-Production Environments Processor Value Unit (PVU)	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere Information Services Director for Non-Production Environments Processor Value Unit (PVU) for Linux on System z	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere Metadata workbench Authorized User	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere Metadata workbench for Linux on System z Authorized User	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere QualityStage Processor Value Unit (PVU)	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere QualityStage Processor Value Unit (PVU) for Linux on System z	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere QualityStage for Non-Production Environments Processor Value Unit (PVU)	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML
IBM InfoSphere QualityStage for Non-Production Environments Processor Value Unit (PVU) for Linux on System z	IBM InfoSphere Information Server v8.7 Multiplatform Multilingual	BY05PML

InfoSphere 8.5 for Netezza High Capacity Appliance V8.5.0

Entitled maintenance offerings description	Media packs description	Part number
IBM InfoSphere Information Server for Netezza High Capacity Appliance PA per Managed Server	Info Svr 8.5 for Netezza High Capacity Appliance Multiplatform Multilingual	BY05MML

InfoSphere Data Quality Pack 8.5 for Netezza High Capacity Appliance V8.5.0

Entitled maintenance offerings description	Media packs description	Part number
IBM InfoSphere Information Server Data Quality Pack for Netezza High Capacity Appliance PA per Managed Server	Info Svr DQP 8.5 Netezza High Capacity Appliance Multiplat Multilingual	BY05NML

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.

Cross-platform product for use on System z IFL engines

Order the part numbers that follow when the product is intended to run on the Linux operating system on System z IFL engines. If the product is not intended to run on the Linux operating system on System z IFL engines, 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 DataStage and QualityStage Designer

Part description	Part number
IBM InfoSphere DataStage and QualityStage Designer IS DataStage and QualityStage Des Conc User Lx z Annual SW S&S Rnw1	E04NYLL
IS DataStage and QualityStage Des Conc User Lx z Lic + SW S&S 12 Mo	D03SELL
IS DataStage and QualityStage Des Conc User Lx z SW S&S Reinstate 12 Mo	D03SFLl

IBM InfoSphere DataStage Server

Part description	Part number
IBM InfoSphere DataStage Server InfoSphere DataStage Server Per Proc VU for Lin Sys z Annual SW S&S Rnw1	E04PELL
InfoSphere DataStage Server Per Proc VU for Lin Sys z Lic + SW S&S 12 Mo	D03T8LL
InfoSphere DataStage Server Per Proc VU for Lin Sys z SW S&S Reinstate 12	D03T9LL

IBM InfoSphere DataStage Server

Part description	Part number
IBM InfoSphere DataStage Server for Non-Production Environments	
IS DS Server for NonProd Env Per Proc VU for Lin Sys z Annual SW S&S Rnw1	E04P4LL
IS DS Server for NonProd Env Per Proc VU for Lin Sys z Lic + SW S&S 12 Mo	D03SQLL
IS DS Server for NonProd Env Per Proc VU for Lin Sys z SW S&S Reinstate 12	D03SSLL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere Information Analyzer Exception Manager	
IS IA Exception Manager Per Aut.U.for Linux on Sys.z Annual SW S&S Rnw1	E08RILL
IS IA Exception Manager Per Aut.U.for Linux on Sys.z Lic + SW S&S 12 Mo	D0CY5LL
IS IA Exception Manager Per Aut.U.for Linux on Sys.z SW S&S Reinstate 12 Mo	D0CY6LL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere Metadata Workbench	
InfoSphere Metadata Workbench Linux on Sys z Auth User Annual SW S&S Rnw1	E04QGLL
InfoSphere Metadata Workbench Linux on Sys z Auth User Lic + SW S&S 12 Mo	D03WBLL
InfoSphere Metadata Workbench Linux on Sys z Auth User SWS&S Reinstate 12Mo	D03WCLL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere Information Analyzer for Non-Production Environments	
IS Info Analyzr Non-Prod Per Proc VU for Lin Sys z Annual SW S&S Rnw1	E08RJLL
IS Info Analyzr Non-Prod Per Proc VU for Lin Sys z Lic + SW S&S 12 Mo	D0CY7LL
IS Info Analyzr Non-Prod Per Proc VU for Lin Sys z SW S&S Reinstate 12 Mo	D0CY8LL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere Business Glossary Anywhere	
IBM InfoSphere BGA Per Proc VU for Lin Sys z Annual SW S&S Rnw1	E058XLL
IBM InfoSphere BGA Per Proc VU for Lin Sys z Lic + SW S&S 12 Mo	D04UFLl
IBM InfoSphere BGA Per Proc VU for Lin Sys z SW S&S Reinstate 12 Mo	D04UGLL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere Business Glossary Anywhere for Non-Prod Environments	
InfoSphere BGA NP Env Per Proc VU for Lin Sys z Annual SW S&S Rnw1	E058GLL
InfoSphere BGA NP Env Per Proc VU for Lin Sys z Lic + SW S&S 12 Mo	D04SZLL
InfoSphere BGA NP Env Per Proc VU for Lin Sys z SW S&S Reinstate 12 Mo	D04T0LL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere Information Analyzer workbench	
IBM IS Info Anlyzr Wkbnch Per Conc Us for Lin on Sys z Annual SW S&S Rnw1	E08RMLL
IBM IS Info Anlyzr Wkbnch Per Conc Us for Lin on Sys z Lic + SW S&S 12 Mo	D0CYLLL
IBM IS Info Anlyzr Wkbnch Per Conc Us for Lin on Sys z SW S&S Reinstate 12	D0CYMLL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere Change Data Delivery for Information Server for Non-Prod	
IBM IS CDD for IS NP Per Proc VU for Lin Sys z Annual SW S&S Rnw1	E08SELL
IBM IS CDD for IS NP Per Proc VU for Lin Sys z Lic + SW S&S 12 Mo	D0D1BLL
IBM IS CDD for IS NP Per Proc VU for Lin Sys z SW S&S Reinstate 12 Mo	D0D1CLL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere Change Data Delivery for Information Server	
IBM IS CDD for IS Per Proc VU for Lin Sys z Annual SW S&S Rnw1	E08SCLL
IBM IS CDD for IS Per Proc VU for Lin Sys z Lic + SW S&S 12 Mo	D0D17LL
IBM IS CDD for IS Per Proc VU for Lin Sys z SW S&S Reinstate 12 Mo	D0D18LL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere FastTrack	
InfoSphere FastTrack LX Sys Z 10 Ath Usrs Annual SW S&S Rnw1	E058WLL
InfoSphere FastTrack LX Sys Z 10 Ath Usrs Lic + SW S&S 12 Mo	D04UCLL
InfoSphere FastTrack LX Sys Z 10 Ath Usrs SW S&S Reinstate 12 Mo	D04UDLL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere Information Analyzer	
IS Information Analyzer Per Proc VU for Lin Sys z Annual SW S&S Rnw1	E04PRL
IS Information Analyzer Per Proc VU for Lin Sys z Lic + SW S&S 12 Mo	D03UDLL
IS Information Analyzer Per Proc VU for Lin Sys z SW S&S Reinstate 12 Mo	D03UELL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere DataStage for Non-Production Environments	
IS DataStage Non-Prod Env Per Proc VU for Lin Sys z Annual SW S&S Rnw1	E04PPLL
IS DataStage Non-Prod Env Per Proc VU for Lin Sys z Lic + SW S&S 12 Mo	D03U6LL
IS DataStage Non-Prod Env Per Proc VU for Lin Sys z SW S&S Reinstate 12 Mo	D03U9LL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere Business Glossary	
IS Business Glossary Per Aut.U.for Linux on Sys.z Annual SW S&S Rnw1	E04Q5LL
IS Business Glossary Per Aut.U.for Linux on Sys.z Lic + SW S&S 12 Mo	D03VILL
IS Business Glossary Per Aut.U.for Linux on Sys.z SW S&S Reinstate 12 Mo	D03VKLL
IS Business Glossary Per Proc VU for Lin Sys z Annual SW S&S Rnw1	E04PTLL
IS Business Glossary Per Proc VU for Lin Sys z Lic + SW S&S 12 Mo	D03UJLL
IS Business Glossary Per Proc VU for Lin Sys z SW S&S Reinstate 12 Mo	D03UKLL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere Business Glossary for Non-Production Environments	
IS BG for Non-Prod Env Per Proc VU for Lin Sys z Annual SW S&S Rnw1	E04QDLL
IS BG for Non-Prod Env Per Proc VU for Lin Sys z Lic + SW S&S 12 Mo	D03W4LL
IS BG for Non-Prod Env Per Proc VU for Lin Sys z SW S&S Reinstate 12 Mo	D03W5LL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere DataStage	
InfoSphere DataStage Per Proc VU for Lin Sys z Annual SW S&S Rnw1	E04PNLL
InfoSphere DataStage Per Proc VU for Lin Sys z Lic + SW S&S 12 Mo	D03U5LL
InfoSphere DataStage Per Proc VU for Lin Sys z SW S&S Reinstate 12 Mo	D03U8LL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere Information Services Director IS Info Services Director Per Proc VU for Lin Sys z Annual SW S&S Rnw1	E04PGLL
IS Info Services Director Per Proc VU for Lin Sys z Lic + SW S&S 12 Mo	D03TELL
IS Info Services Director Per Proc VU for Lin Sys z SW S&S Reinstate 12 Mo	D03THLL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere Information Services Director for NonProduction Environments	
IS Info Srvcs Dir Non-Prod Per Proc VU for Lin Sys z Annual SW S&S Rnw1	E04PKLL
IS Info Srvcs Dir Non-Prod Per Proc VU for Lin Sys z Lic + SW S&S 12 Mo	D03TULL
IS Info Srvcs Dir Non-Prod Per Proc VU for Lin Sys z SW S&S Reinstate 12 Mo	D03TXLL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere QualityStage	
IS QualityStage Per Proc VU for Lin Sys z Annual SW S&S Rnw1	E04PVLL
IS QualityStage Per Proc VU for Lin Sys z Lic + SW S&S 12 Mo	D03UQLL
IS QualityStage Per Proc VU for Lin Sys z SW S&S Reinstate 12 Mo	D03URLL

IBM InfoSphere Information Server

Part description	Part number
IBM InfoSphere QualityStage for Non-Production Environments	
IS QualityStage Non-Prod Env Per Proc VU for Lin Sys z Annual SW S&S Rnw1	E04PULL
IS QualityStage Non-Prod Env Per Proc VU for Lin Sys z Lic + SW S&S 12 Mo	D03UMLL
IS QualityStage Non-Prod Env Per Proc VU for Lin Sys z SW S&S Reinstate 12	D03UNLL

Trade-up licenses for cross-platform products

IBM IS DataStage and QualityStage Designer

Precursor product	Trade-up product	Part number
IBM InfoSphere DataStage and QualityStage Designer		
IBM InfoSphere DataStage and QualityStage Designer Workgroup Edition Lnx z	IS DS QS Dsgn Lnx z CU frm IS DS QS Dsgn WE Lnx z CU Trade Up Lic + SW	D0ITULL

IBM InfoSphere Information Server

Precursor product	Trade-up product	Part number
IBM InfoSphere Business Glossary		
IBM InfoSphere Business Glossary for Cognos for Non Production Environments	IS Bus Glossary PVU Sys z frm BG Cognos PVU Sys z Lic + SW S&S 12 Mo	D0ATLLL
IBM InfoSphere Business Glossary for Cognos	IS Bus Glossary PVU Sys z frm BG Cognos Sys z PVU Lic + SW S&S 12 Mo	D0ATNLL
IBM InfoSphere Business Glossary for Cognos	IS Business Glossary AU Lnx Sysz frm BG Cognos AU Lnx Sysz Lic + SW S&S 12	D0ATMLL

IBM InfoSphere Information Server

Precursor product	Trade-up product	Part number
IBM InfoSphere DataStage for Non-Production Environments		
IBM InfoSphere DataStage Workgroup Edition for Non Production Environments	IS DS NP Lnx z PVU from IS DS WE NP Lnx z PVU Trade Up Lic + SW S&S	D0ITWLL
IBM InfoSphere DataStage Server for Non-Production Environments	IS DS NP PVU Lnx Sys z frm IS DS Svr NP PVU Lnx Sys z Trade Up Lic + SW S&S	D03UCLL

IBM InfoSphere Information Server

Precursor product	Trade-up product	Part number
IBM InfoSphere FastTrack		
IBM InfoSphere FastTrack Workgroup Edition Linux on System z	IS FT Lnx z 10 AU from IS FT WE Lnx z 10 AU Trade Up Lic + SW S	D0IU0LL

IBM InfoSphere Information Server

Precursor product	Trade-up product	Part number
IBM InfoSphere Information Analyzer		
IBM InfoSphere Information Analyzer Workgroup Edition Linux on System z	IS IA Lnx z PVU from IS IA WE Lnx z PVU Trade Up Lic + SW S&S 12	D0IU1LL

IBM InfoSphere Information Server

Precursor product	Trade-up product	Part number
IBM InfoSphere QualityStage		
IBM InfoSphere QualityStage Workgroup Edition Linux on System z	IS QS Lnx z PVU from IS QS WE Lnx z PVU Trade Up Lic + SW S&S 12 Mo	D0IU9LL

IBM InfoSphere Information Server

Precursor product	Trade-up product	Part number
IBM InfoSphere QualityStage for Non-Production Environments		
IBM InfoSphere QualityStage Workgroup Edition for Non Prod Env Lnx z	IS QS NP Lnx z PVU from IS QS WE NP Lnx z PVU Trade Up Lic + SW S	D0IUALL

IBM InfoSphere Information Server

Precursor product	Trade-up product	Part number
IBM InfoSphere DataStage		
IBM InfoSphere DataStage Workgroup Edition Linux on System z	IS DS Lnx z PVU from IS DS WE Lnx z PVU Trade Up Lic + SW S&S 12 Mo	D0ITVLL
IBM InfoSphere DataStage Server	IS DS PVU Lnx Sys z from IS DS Svr PVU Lnx Sys z Trade Up Lic + SW S&S 12Mo	D03UBLL

IBM InfoSphere Information Server

Precursor product	Trade-up product	Part number
IBM InfoSphere Information Analyzer for Non-Production Environments		
IBM InfoSphere Information Analyzer Workgroup Edition for Non Prod Env Lnx z	IS IA NP Lnx z PVU from IS IA WE NP Lnx z PVU Trade Up Lic + SW S&S 12	D0IU2LL

IBM InfoSphere Information Server

Precursor product	Trade-up product	Part number
IBM InfoSphere Metadata Workbench		
IBM InfoSphere Metadata Workbench Workgroup Edition Linux on System z	IS MDWB Lnx on Sys z AU from IS MDWB WE Lnx on Sys z AU Trade Up Lic + SW	D0IU8LL

IBM InfoSphere Information Server

Precursor product	Trade-up product	Part number
IBM InfoSphere Information Analyzer Workbench		
IBM InfoSphere Information Analyzer Workbench Workgroup Edition Linux on Sys z	IS IA Wkbnch Lnx z CU from IS IA Wkbnch WE Lnx z CU Trade Up Lic + SW S	D0IU6LL

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IBM InfoSphere DataStage Pack for SAS v8.7	5724-Q57	
IBM InfoSphere DataStage Pack for SAS v8.7	5724-Q57	L-JCOK-8JVUC5
IBM InfoSphere DataStage Pack for SAS for Non-Production Environments v8.7	5724-Q57	L-JCOK-8JVUC5
IBM InfoSphere DataStage Server v8.7	5724-Q57	
IBM InfoSphere DataStage Server v8.7	5724-Q47	L-JCOK-8JVU8G
IBM InfoSphere DataStage Server for Non-Production Environments v8.7	5724-Q47	L-JCOK-8JVU8G
IBM InfoSphere Information Server v8.7	5724-Q36	
IBM InfoSphere DataStage v8.7	5724-Q36	L-JCOK-8JVU8G
IBM InfoSphere DataStage for Non-Production Environments v8.7	5724-Q36	L-JCOK-8JVU8G
IBM InfoSphere DataStage Balanced Optimization v8.7	5724-Q36	L-JCOK-8JVU8G
IBM InfoSphere DataStage Balanced Optimization for Non-Production Environments v8.7	5724-Q36	L-JCOK-8JVU8G
IBM InfoSphere DataStage MVS Edition v8.7	5724-Q36	L-JCOK-8JVUC5
IBM InfoSphere QualityStage v8.7	5724-Q36	L-JCOK-8JW7AB
IBM InfoSphere QualityStage for Non-Production	5724-Q36	L-JCOK-8JW7AB

Environments v8.7		
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IBM InfoSphere FastTrack v8.7	5724-Q36	L-JCOK-8JW7MP
IBM InfoSphere Information Services Director v8.7	5724-Q36	L-JCOK-8JW7HV
IBM InfoSphere Information Services Director for Non-Production Environments v8.7	5724-Q36	L-JCOK-8JW7HV
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IBM InfoSphere Business Glossary Anywhere for Non-Production Environments v8.7	5724-Q36	L-JCOK-8JW7KW
IBM InfoSphere Metadata Workbench v8.7	5724-Q36	L-JCOK-8JW7LW
IBM InfoSphere Change Data Delivery for Information Server v6.5.1	5724-Q36	L-GMET-8D7FQ2
IBM InfoSphere Change Data Delivery for Information Server for Non-Production Environments v6.5.1	5724-Q36	L-GMET-8D7FQ2
IBM InfoSphere Information Server for Data Warehousing	5725-C80	
IBM InfoSphere Information Server v8.5 for Netezza High Capacity Appliance	5724-C80	L-JCOK-8DK4TK
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