



IBM InfoSphere Change Data Capture V6.5 and IBM InfoSphere Change Data Delivery V6.5 help deliver real-time data integration

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At a glance

IBM® InfoSphere™ Change Data Capture V6.5 and IBM InfoSphere Change Data Delivery V6.5 can help you:

- Load real-time information into a data warehouse or operational data store
- Eliminate batch windows by providing continuous delivery of changed data into target systems
- Integrate real-time inventory and sales information with commercial sites
- Synchronize product and customer data across multiple branches, outlets, and offices
- Keep production systems running 24/7 for worldwide operations

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

Overview

InfoSphere Change Data Capture V6.5 and InfoSphere Change Data Delivery V6.5 play a distinguished role in capturing and delivering data across enterprise systems in real time. By distributing real-time data across disparate information silos and key systems, they help enable businesses to gain immediate awareness of market landscape and operational statistics to streamline business processes, improve customer service, and capture time-sensitive opportunities.

InfoSphere Change Data Capture V6.5 and InfoSphere Change Data Delivery V6.5 introduce new capabilities that continue to extend and improve real-time data integration across heterogeneous environments. These advancements include enhanced monitoring, debugging, and improved multibyte character set (MBCS) configuration. InfoSphere Change Data Capture V6.5 also helps address the need for increasing data volumes by providing performance improvements while continuing to achieve and reduce impact on mission-critical production systems.

InfoSphere Change Data Delivery V6.5 offers rapid and timely delivery of data changes for InfoSphere data warehouses; InfoSphere DataStage™ extract, transform, and load (ETL) processes; InfoSphere QualityStage™ data quality processes; and InfoSphere master data management systems to help ensure that these systems have updated and timely data to make informed business decisions. InfoSphere Change Data Delivery V6.5:

- Enhances new and existing investments in IBM InfoSphere DataStage, InfoSphere QualityStage, InfoSphere Warehouse, and InfoSphere Master Data Management Server
- Integrates directly with InfoSphere DataStage, enabling real-time ETL processes and event-driven data cleansing
- Helps ensure that critical information is readily available to lines of business, thereby increasing visibility and productivity

Key prerequisites

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

Planned availability date

September 17, 2010, electronic availability

October 15, 2010, media availability

Description

InfoSphere Change Data Capture V6.5 and InfoSphere Change Data Delivery V6.5 offer enhanced capabilities, replicating from or to Oracle, DB2® LUW, and DataStage. These capabilities include:

- An improved customer experience with enhanced monitoring and debugging capabilities.
- Augmented monitoring statistics to provide a comprehensive set of data that helps monitor the overall health of the replication environment.
- Quick, flexible access to the event log to diagnose replication problems. Key changes include provisioning of a single view into events and filtering capability to quickly drill down to events of interest.
- Improved MBCS configuration, including automatic mapping of encoding, improvements to derived column behavior, and encoding conversion for nondate, nonnumeric columns.
- Enhanced performance capabilities while maintaining low impact on critical production systems.
- Effective handling of increasing volumes of data to provide data integration at the pace of business.
- Selective refresh processing and reduced memory footprint.
- Extended database support, including support for Oracle 11Gr2 and Oracle compressed tables.
- Enhanced connectivity with InfoSphere DataStage to facilitate rapid delivery and transaction integrity.

InfoSphere Change Data Capture V6.5 and InfoSphere Change Data Delivery V6.5 can be deployed quickly using a graphical user interface.

Features

- High performance: InfoSphere Change Data Capture is designed to scale to high-volume replication environments with minimal performance impact on source databases. Using native log-based change data capture, it can handle increasing volumes of data to provide data integration at the pace of business.
- Log-based change data capture: Whether data is integrated periodically or in real time, only changed data is captured and transferred from source to target systems. Instead of performing queries directly against the database, InfoSphere Change Data Capture captures changed data directly from the database logs.
- Operational efficiency: InfoSphere Change Data Capture helps improve operational efficiency and save time and resources by eliminating redundant data transfer and

saving network bandwidth. By accessing data from the logs, InfoSphere Change Data Capture helps reduce performance impact on mission-critical applications.

- Data integrity: Data delivery is accomplished by synchronizing positional information between the source and target. Transactional integrity is achieved by applying transactions on the target in the same order as on the source.
- Ease of use: An intuitive user interface helps lower total cost of ownership by consolidating configuration and monitoring of the replication environment.
- Zero programming: With zero programming required, you can invest your effort in higher-value IT projects. Your company can leverage its legacy systems and integrate data across all supported platforms with few changes to the existing environment. Future changes in the computing environment can also be accommodated to protect your company's investment.
- Programming-free data integration: InfoSphere Change Data Capture offers out-of-the-box, programming-free data integration with DB2, Oracle, Sybase, and Informix® Dynamic Server across various operating platforms.
- Data-enriched business events: InfoSphere Change Data Capture facilitates integration with message queues to supply data-enriched business events to business applications.
- Enhanced data integration: InfoSphere Change Data Capture supports flat file integration to improve your ability to consolidate data across systems.

Product positioning

Statement of direction

IBM currently plans to deliver updates to the following components of InfoSphere Change Data Capture V6.5 during first half 2011:

- IBM InfoSphere Change Data Capture for Teradata
- IBM InfoSphere Change Data Capture for Sybase
- IBM InfoSphere Change Data Capture for Microsoft® SQL Server
- IBM InfoSphere Change Data Capture for Informix Dynamic Server
- IBM InfoSphere Change Data Capture for SolidDB
- IBM InfoSphere Change Data Delivery for Teradata
- IBM InfoSphere Change Data Delivery for Sybase
- IBM InfoSphere Change Data Delivery for Microsoft SQL Server
- IBM InfoSphere Change Data Delivery for Informix Dynamic Server
- IBM InfoSphere Change Data Delivery for SolidDB

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

Availability of national languages

| Product description | Language | GA date |
|-----------------------|--|------------------|
| InfoSphere CDC v6.5.0 | Multilingual (Chinese - Simplified, Japanese, English) | October 15, 2010 |

Program number

| Program number | VRM | Program name |
|----------------|-------|--|
| 5724-U70 | 6.5.0 | IBM InfoSphere Change Data Capture |
| 5724-U70 | 6.5.0 | IBM InfoSphere Change Data Delivery |

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>

Technical information

Specified operating environment

Hardware requirements

Minimum recommended hardware requirements include:

- Disk space: 20 GB
- Memory: 1 GB of RAM

Software requirements

The most current and complete information on software requirements is available at

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

The program's specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a readme file, or other information published by IBM, such as an announcement letter. Documentation and other program content may be supplied only in the English language.

Planning information

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.

Packaging

IBM InfoSphere Change Data Capture 6.5

- One DVD for InfoSphere Change Data Capture 6.5 Product Documentation and Quick Start Guides
- Four DVDs for InfoSphere Change Data Capture 6.5

IBM InfoSphere Change Data Delivery 6.5

- One DVD for InfoSphere Change Data Delivery 6.5 Product Documentation and Quick Start Guides
- Four DVDs for InfoSphere Change Data Delivery 6.5

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.

Software Services

Services from IBM InfoSphere Professional Services complement the IBM Information Server platform. You can leverage the extensive technical skills and proven methodologies based on years of accumulated knowledge and experience, gained through hundreds of successful implementations. The IBM InfoSphere Professional Services team offers a wide range of services-related packages that are designed to help you achieve success in the design, implementation, and rollout of your information integration projects.

To learn more about IBM InfoSphere Professional Services or contact a services representative, visit

<http://www-306.ibm.com/software/data/ips/services/professional.html>

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To locate an IBM Business Partner, visit

<http://www-304.ibm.com/partnerworld/gsd/homepage.do>

Ordering information

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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 a specific Software ValueNet portfolio, contact your IBM representative.

Product information

| Licensed function title | Product group | Product category |
|---|---------------------|---|
| IBM InfoSphere Change Data Capture | Change Data Capture | InfoSphere Change Data Capture |
| IBM InfoSphere Change Data Capture for Non Production | Change Data Capture | InfoSphere Change Data Capture |
| IBM InfoSphere Change Data Delivery | Change Data Capture | InfoSphere Change Data Capture |
| IBM InfoSphere Change Data Delivery for Non-Production Environments | Change Data Capture | InfoSphere Change Data Capture |
| Program name | PID number | Charge unit description |
| IBM InfoSphere Change Data Capture | 5724-U70 | Per Processor Value Unit (PVU) |
| IBM InfoSphere Change Data Capture | 5724-U70 | Per Processor Value Unit for Linux® on System z |
| IBM InfoSphere Change Data Capture for Non Production | 5724-U70 | Per Processor Value Unit for Linux on System z |
| IBM InfoSphere Change Data Capture for Non Production | 5724-U70 | Per Processor Value Unit (PVU) |
| IBM InfoSphere Change Data Delivery | 5724-U70 | Per Processor Value Unit (PVU) |
| IBM InfoSphere Change Data Delivery | 5724-U70 | Per Processor Value Unit for Linux on System z |
| IBM InfoSphere Change Data Delivery for Non-Production Environments | 5724-U70 | Per Processor Value Unit (PVU) |
| IBM InfoSphere Change Data Delivery | 5724-U70 | Per Processor |

Charge metrics definitions

Reference Program

InfoSphere Change Data Capture is priced based upon the source database system where the transaction logs from which the changed data is captured were generated. This pricing allows InfoSphere Change Data Capture (for some database sources and platforms) to be installed on a machine other than the machine hosting the source database, but pricing is not necessarily based upon the machine on which InfoSphere Change Data Capture is installed.

Processor Value Unit (PVU)

Processor Value Unit (PVU) is a unit of measure by which this software product can be licensed. PVU entitlements are based on processor technology (defined within the PVU table¹ by processor vendor, brand, type, and model number). IBM continues to define a processor, for purposes of PVU-based licensing, to be each processor core on a chip. Each software product has a unique price per PVU. To determine the total cost of deploying an individual software product in a specific hardware environment, you must take the following steps:

- For each processor core in the hardware environment on which the software product is to be licensed, determine the PVU requirement based on its processor technology per the PVU table¹.
- Add the PVU requirements for all processor cores in the hardware environment.
- Multiply the software product's price per PVU by the total number of PVUs required as determined in step 2 above.

PVU entitlements are specific to a software product and may not be exchanged, interchanged, or aggregated with PVU entitlements of another software product.

Unless you have deployed eligible sub-capacity products according to the sub-capacity¹ terms, you must obtain PVU Proof of Entitlements (PoEs) for the maximum number of activated² physical processor cores in the hardware environment made available to or managed by the software product. This is also referred to as *full capacity licensing*.

¹ For information regarding PVU and sub-capacity licensing, including the latest PVU table, visit

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

² Activated processor cores are physical processor cores that are available for use in a server. They include processor cores:

- That are activated (available for use) when the server is shipped by the manufacturer
- That are activated subsequently through activation codes purchased from the server manufacturer by the customer
- Whose capacity can be limited by the customer through virtualization technologies, operating system commands, and BIOS settings.

Passport Advantage program licenses

InfoSphere Change Data Capture

| Part description | Part number |
|--|-------------|
| IBM InfoSphere Change Data Capture | |
| InfoSphere CDC Per Processor Value Unit (PVU) Annual SW S&S Rnw1 | E04S9LL |
| InfoSphere CDC Per Processor Value Unit (PVU) Lic + SW S&S 12 Mo | D0406LL |

| | |
|---|---------|
| InfoSphere CDC Per Processor Value Unit (PVU) SW S&S Reinstate 12 Mo | D0407LL |
|---|---------|

InfoSphere Change Data Capture

| Part description | Part number |
|---|-------------|
| IBM InfoSphere Change Data Capture for Non Production InfoSphere CDC NP Per Processor Value Unit (PVU) Annual SW S&S Rnw1 | E04SALL |
| InfoSphere CDC NP Per Processor Value Unit (PVU) Lic + SW S&S 12 Mo | D0408LL |
| InfoSphere CDC NP Per Processor Value Unit (PVU) SW S&S Reinstate 12 Mo | D0409LL |

InfoSphere Change Data Capture

| Part description | Part number |
|--|-------------|
| IBM InfoSphere Change Data Delivery InfoSphere CDD Per Processor Value Unit (PVU) Annual SW S&S Rnw1 | E07UDLL |
| InfoSphere CDD Per Processor Value Unit (PVU) Lic + SW S&S 12 Mo | D0B6ZLL |
| InfoSphere CDD Per Processor Value Unit (PVU) SW S&S Reinstate 12 Mo | D0B70LL |

InfoSphere Change Data Capture

| Part description | Part number |
|--|-------------|
| IBM InfoSphere Change Data Delivery for Non-Production Environments InfoSphere CDD for NP Env Per Processor Value Unit (PVU) Annual SW S&S Rnw1 | E07UFL |
| InfoSphere CDD for NP Env Per Processor Value Unit (PVU) Lic + SW S&S 12 Mo | D0B73LL |
| InfoSphere CDD for NP Env Per Processor Value Unit (PVU) SW S&S Reinstate | D0B74LL |

Passport Advantage supply

| Program name/description | Part number |
|---|-------------|
| InfoSphere CDC V6.5.0 InfoSphere CDC AIX® 6,Solaris (Sun),Windows Server 2008,Windows Server 2003 | BY053ML |
| InfoSphere CDD V6.5.0 InfoSphere CDD AIX 6,Solaris (Sun),Windows Server 2008,Windows Server 2003 | BY054ML |

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 CDD V6.5.0

| Entitled maintenance offerings description | Media packs description | Part number |
|--|--|-------------|
| IBM InfoSphere Change Data Delivery for Non-Production Environments per Processor Value Unit | InfoSphere CDD AIX 6,Solaris (Sun),Windows Server 2008,Windows Server 2003 | BY054ML |
| IBM InfoSphere Change Data | InfoSphere CDD AIX | BY054ML |

| | | |
|---|--|---------|
| Delivery for Non-Production Environments per Processor Value Unit for Linux on System z | 6,Solaris (Sun),windows Server 2008,windows Server 2003 | |
| IBM InfoSphere Change Data Delivery per Processor Value Unit | InfoSphere CDD AIX 6,Solaris (Sun),windows Server 2008,windows Server 2003 | BY054ML |
| IBM InfoSphere Change Data Delivery per Processor Value Unit for Linux on System z® | InfoSphere CDD AIX 6,Solaris (Sun),windows Server 2008,windows Server 2003 | BY054ML |

InfoSphere CDC V6.5.0

| Entitled maintenance offerings description | Media packs description | Part number |
|--|--|-------------|
| InfoSphere Change Data Capture Non Production Processor Value Unit | InfoSphere CDC AIX 6,Solaris (Sun),windows Server 2008,windows Server 2003 | BY053ML |
| InfoSphere Change Data Capture Processor Value Unit | InfoSphere CDC AIX 6,Solaris (Sun),windows Server 2008,windows Server 2003 | BY053ML |
| InfoSphere Changed Data Capture Processor Value Unit for Linux on System z | InfoSphere CDC AIX 6,Solaris (Sun),windows Server 2008,windows Server 2003 | BY053ML |
| InfoSphere Changed Data Capture for Non-Production Environments Processor Value Unit for Linux on System z | InfoSphere CDC AIX 6,Solaris (Sun),windows Server 2008,windows Server 2003 | BY053ML |

Cross-platform products

Cross-platform product 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

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InfoSphere Change Data Capture

| Part description | Part number |
|--|-------------|
| IBM InfoSphere Change Data Capture InfoSphere CDC Per Proc VU for Lin Sys z Annual SW S&S Rnw1 | E07BLLL |
| InfoSphere CDC Per Proc VU for Lin Sys z Lic + SW S&S 12 Mo | D0A0XLL |
| InfoSphere CDC Per Proc VU for Lin Sys z SW S&S Reinstall 12 Mo | D0A0YLL |

InfoSphere Change Data Capture

| Part description | Part number |
|--|-------------|
| IBM InfoSphere Change Data Capture for Non Production InfoSphere CDC NP Per Proc VU for Lin Sys z Annual SW S&S Rnw1 | E07BMLL |
| InfoSphere CDC NP Per Proc VU for Lin Sys z Lic + SW S&S 12 Mo | D0A0ZLL |
| InfoSphere CDC NP Per Proc VU for Lin Sys z SW S&S Reinstate 12 Mo | D0A10LL |

InfoSphere Change Data Capture

| Part description | Part number |
|---|-------------|
| IBM InfoSphere Change Data Delivery InfoSphere CDD Per Proc VU for Lin Sys z Annual SW S&S Rnw1 | E07UELL |
| InfoSphere CDD Per Proc VU for Lin Sys z Lic + SW S&S 12 Mo | D0B71LL |
| InfoSphere CDD Per Proc VU for Lin Sys z SW S&S Reinstate 12 Mo | D0B72LL |

InfoSphere Change Data Capture

| Part description | Part number |
|--|-------------|
| IBM InfoSphere Change Data Delivery for Non-Production Environments | |
| InfoSphere CDD for NP Env Per Proc VU for Lin Sys z Annual SW S&S Rnw1 | E07UGLL |
| InfoSphere CDD for NP Env Per Proc VU for Lin Sys z Lic + SW S&S 12 Mo | D0B75LL |
| InfoSphere CDD for NP Env Per Proc VU for Lin Sys z SW S&S Reinstate 12 Mo | D0B76LL |

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This software license includes Software Subscription and Support (also referred to as *Software Maintenance*).

License Information form numbers

| Program name | Program number | Form number |
|---------------------------------|----------------|---------------|
| InfoSphere Change Data Capture | 5724-U70 | L-GMET-86PKQM |
| InfoSphere Change Data Delivery | 5724-U70 | L-GMET-86PKSL |

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

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

Limited warranty applies

Yes

Limited warranty

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

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Money-back guarantee

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

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

Volume orders (IVO)

No

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System i Software Maintenance applies

No

Educational allowance available

Not applicable.

Prices

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Passport Advantage

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For more information, contact the Americas Call Centers.

Note: Shipments will begin after the planned availability date.

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