

IBM Data Replication for Db2 Continuous Availability V1.1 synchronizes data for concurrent business intelligence and reporting, bringing balance and optimization to workload distribution management

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At a glance

IBM^(R) Data Replication for Db2^(R) Continuous Availability V1.1 supports:

- High-availability Db2 Warehouse environments that are deployed on IBM Integrated Analytics Systems
- Synchronization of active and stand-by replicas for enhanced workload balancing

Features include:

- Log-based capture for transactional changes that are augmented by bulk capture for high volume batch updates
- Transactional integrity with built-in recovery
- Read-write activity on both primary and secondary databases when partitioning to avoid conflicts
- Seamless integration with the IBM Db2 Warehouse Console, driving a simple and easily understood user experience:
 - Point-and-click replication definitions
 - Built-in monitoring
- Optional scripted configuration for automated configuration and control, reducing dependence on operations staff
- Parallel processing to optimize throughput

Overview

Data Replication for Db2 Continuous Availability supports highly available Db2 Warehouse environments by synchronizing table and schema contents, whether on the same platform, across the data centre, or around the world. This software replication offering supports active and stand-by replicas for workload balancing, shifting workloads during planned outages while also dramatically reducing the time to recovery for unplanned outages when used with application management and automation solutions.

Data Replication for Db2 Continuous Availability helps protect against data loss while also ensuring rapid recovery by synchronizing data on a primary database server with one or more secondary database servers. Data Replication for Db2 Continuous

Availability is designed for very low latency with full recovery, while also minimizing the potential for data loss in an unplanned outage situation.

Unlike pure hardware or file copy disaster recovery solutions, Data Replication for Db2 Continuous Availability allows for the primary source database to always remain active, with the secondary copies also available for real workloads. This approach complements hardware-based disaster recovery by providing multiple active copies of data that can be distributed across several target servers.

Data Replication for Db2 Continuous Availability replicas act as read-write standby servers in case of system failure or planned downtime on the primary source, while also enabling active use in support of query-centric workloads, which increases the value of the secondary data platform. The secondary data platform is typically used for concurrent business intelligence and reporting, and workload distribution, balancing, and optimization.

With a core focus on the replication of Db2 Warehouse row and columnar organized tables and related schemas that are deployed as part of the IBM Integrated Analytics System's unified hardware and software data warehouse and data science solution, Data Replication for Db2 Continuous Availability V1.1 brings deployment profile expansion and enhancements through continuous delivery. Specifics about supported platforms are defined in the Data Replication for Db2 Continuous Availability system requirements.

Key requirements

The program's specifications and specific operating environment information is found in documentation accompanying the program, such as a readme file, or other information published by IBM.

For details, see the [Software requirements](#) section.

Planned availability date

December 14, 2018

Accessibility by people with disabilities

A US Section 508 Accessibility Compliance Report containing details on accessibility compliance can be found on the [Product accessibility information](#) website.

Program number

Program number	VRM	Program name
5737-J23	1.1.0	IBM Data Replication for Db2 Continuous Availability

Offering Information

Product information is available on the [IBM Offering Information](#) website.

More information is also available on the [Passport Advantage^{\(R\)}](#) and [Passport Advantage Express^{\(R\)}](#) website.

Publications

None

Services

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Technical information

Specified operating environment

Software requirements

IBM Data Replication for Db2 Continuous Availability is integrated into the Db2 Warehouse container, although it is licensed separately. The initial deployment is on the IBM Integrated Analytics System. See:

- [IBM Db2 Warehouse prerequisites for Linux^{\(R\)} and x86 hardware](#)
- [IBM Db2 Warehouse prerequisites for Linux and IBM POWER^{\(R\)} LE hardware](#)

Planning information

Packaging

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IBM Data Replication for Db2 Continuous Availability Virtual Processor Core SW Subscription & Support Reinstatement 12 Months	D21UNLL

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The charge metrics for this licensed product can be found in the following License Information document:

Program identifier	License Information document title	License Information document number
5737-J23	IBM Data Replication for Db2 Continuous Availability	L-SORS-B5LPNG

Select your language of choice and scroll down to the Charge Metrics section. Follow-on releases, if any, may have updated terms. See the [License Information documents](#) website for more information.

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Program identifier	License Information document title	License Information document number
5737-J23	IBM Data Replication for Db2 Continuous Availability	L-SORS-B5LPNG

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Limited warranty

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Volume orders (IVO)

No

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Variable charges apply

No

Educational allowance available

Not applicable.

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Prices

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