

Connect CDC

Delivering real-time insights across the enterprise

Data Value Realized

To realize the full value of your organization's application data to drive actionable insights, it has to be delivered wherever the business needs it, whenever it's needed. In today's fast-paced economy, that increasingly means delivering data across your enterprise in real-time.

With Connect CDC real-time data replication software, you can build streaming data pipelines and share application data across the enterprise – from mainframes to the cloud – to drive your business forward. Connect CDC replicates application data across relational databases, streaming frameworks, and the cloud all while offering high-performance, resilience, fault-tolerance and guaranteed data delivery.

Impact Your Business, Not Your Systems

Organizations around the world rely on Connect CDC to support a variety of use cases, including:

- Streaming application data from traditional systems – including complex mainframe data – to real-time business applications and analytics platforms
- Real-time replication capabilities for Db2/z, IMS, and VSAM - no matter the source or target
- Supporting hybrid cloud deployments
- Keeping enterprise data lakes fresh
- Keeping databases in sync for reporting, analytics and data warehousing
- Modernizing, re-platforming or consolidating databases

While your business will notice the impact of Connect CDC, your systems will not. Connect CDC employs log-based change data capture so your database performance is preserved. By moving only changed data, your network bandwidth is also conserved.

Data Delivery With Confidence

Complex IT environments, including hybrid cloud architectures, have many potential points of failure that can put your business at risk, such as network or server outages. If these situations occur, Connect CDC automatically recovers without any manual intervention or resynchronization, so your business keeps running without interruption. It is the only software in the market that keeps track of exactly where the data transfer left off and automatically starts at that point, with zero data loss and no duplicate data.

In addition, Connect CDC's robust replication capabilities automatically monitor for collisions, resolve conflicts to ensure data integrity, and maintain an audit trail.



Simplified and Automated

Connect CDC enables you to meet the demands of tightening SLAs with continual data updates that do not require time-consuming and resource-intensive batch loads; as well as automated monitoring of replication health and service interruptions.

In addition, Connect CDC's graphical interface enables you to achieve more without specialized skills, coding or tuning, even when working with complex mainframe data, streaming frameworks, or Big Data platforms. Connect CDC even automatically maps data between different tables, rows and columns.

Security and Data Governance

Connect CDC supports enterprise-grade security and data governance with Kerberos authentication and SSL/TLS encryption. It also preserves metadata through integration with the Kafka schema registry, and leaves an audit trail of data access and change history.

Flexibility to Meet the Needs of Your Business

Connect CDC has the flexibility to work within environments of all types, so you can focus on your business, not be limited by technical constraints. It supports both cloud and hybrid architectures through a variety of application topologies that can be combined, including: one-way, two-way, bidirectional, consolidated, distributed, and cascade.

Supported Sources and Targets

- Apache Kafka *
- IBM Db2 for z/OS
- IBM Db2 for i
- IBM Db2 for Linux, UNIX and Windows
- IBM Informix
- IMS
- Microsoft SQL Server
- Microsoft Azure SQL Database *
- MySQL *
- Oracle
- Oracle RAC
- PostgreSQL *
- Sybase
- Teradata *
- VSAM

* Target only