CONFLUENT

HVR + Kafka

Real-time and Continuous Data Integration into Apache Kafka®

A Confluent and HVR Solution Brief

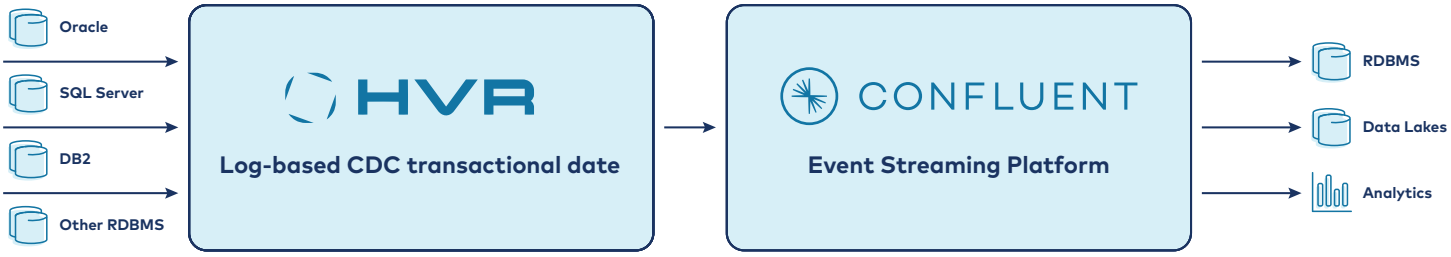
Replicate or migrate data from relational database technologies with HVR to Confluent Platform to enable microservices and capture data changes in real-time.

HVR technology delivers end-to-end data integration capabilities to set up and manage real-time, log-based change data capture and data delivery with Kafka and Confluent Platform as a target. HVR provides the necessary replication capabilities in a single unified environment with native, high-performance data delivery and integration with schema registry. HVR supports relational database technologies including Oracle, SQL Server, PostgreSQL, MySQL, SAP HANA, DB2 LUW (Linux, Unix, Windows) and more. HVR enables customers to make the most of their existing legacy data with support for both initial load as well as incremental change data capture into Kafka and Confluent Platform, continuously in real-time, on premises or in the cloud.

HVR

HVR and Confluent provide:

- An easy transition to microservices from your legacy infrastructure with HVR and Kafka
- Continuous delivery into Kafka with non-intrusive, log-based, transactional CDC
- Easy and efficient movement of RDBMS data to Confluent Cloud with HVR
- Flexible options with HVR support for many source RDBMS and file technologies and delivery in JSON, Avro and other formats



Leverage legacy data to enable microservices with Kafka and HVR

Organizations are quickly adopting microservice architectures to achieve better customer service and improve user experience while limiting downtime and data loss. Transitioning from a monolithic architecture based on stateful databases to truly stateless microservices can be achieved with HVR and Confluent. Convert the data locked in traditional databases into event streams using HVR's CDC technology, use Kafka to decouple dependencies from databases, store and broadcast events thereby enabling microservices creation.

Why HVR for Kafka?

The HVR technology integrates with Kafka and Confluent Platform by using real-time, log-based CDC for continuous data delivery with Kafka as the target. HVR populates the schema registry in Kafka and supports flexible options to deliver data in JSON, Avro and other formats. HVR simplifies populating Kafka topics with an initial data set, followed by a non-intrusive and efficient, real-time delivery into Kafka.

Confluent Platform and HVR

Confluent Platform enables organizations to harness business value of event data. The Confluent Platform, based on Kafka, manages the barrage of event streams and makes it available throughout an organization. It is the only enterprise stream platform that makes implementing, managing and deploying an enterprise streaming platform with Kafka easy, reliable, secure and auditable. Together with HVR, data from existing RDBMS and file systems can be replicated and migrated to Kafka with HVR, enabling microservices and capturing data changes continuously and in real-time.

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About Confluent

Confluent, founded by the original creators of Apache Kafka®, pioneered the enterprise-ready event streaming platform. With Confluent, organizations benefit from the first event streaming platform built for the enterprise with the ease-of-use, scalability, security and flexibility required by the most discerning global companies to run their business in real time. www.confluent.io. Download at www.confluent.io/download.

About HVR

HVR is a real-time data replication software built for managing heterogeneous and complex data integration scenarios in a unified environment. HVR replicates data with its change data capture (CDC) technology, an efficient and low-impact way to integrate data for real-time analytics and messaging. HVR offers everything needed for data replication: initial load and table creation, log-based CDC, data repair, reporting and monitoring, all in one small download. For more information: HVR-Software.com