

## HVR Support for MySQL and MariaDB

MySQL is one of the most popular open source relational database technologies that has been adopted by large enterprises to run customer facing applications at scale. Therefore the need to integrate application data into enterprise data integration channels is critical. Even more important is the need to make data from applications available in real-time to serve modern business needs.

HVR provides real-time data integration for enterprises adopting strategies in which data availability is key to achieving business objectives. When data is stored in a MySQL database, HVR provides a simple, easy to use, continuous integration channel across dozens of datasources, including MySQL.

### Version Compatibility

HVR supports replication from:

- MySQL 5.6 and above
- MariaDB 10.0 and above
- Aurora MySQL 5.6 and above
- Amazon MySQL RDS

### Targets

HVR supports continuous replication from MySQL databases into all supported targets on premises, in your private cloud or public cloud. HVR uses efficient direct loads when MySQL is the target. For a list of supported targets, please refer to [our website](#).

### Log-Based Change Data Capture (CDC)

HVR uses the efficient method of log-based change data capture to move data from MySQL databases for continuous, real-time updates.

How it works is that the HVR MySQL binary log records database changes to enable high availability and point in time recovery. The binary log is a set of files that contain information about data modifications made by the MySQL server. The log consists of a set of binary log files, plus an index file. For HVR to capture changes, the binary logging should be configured in MySQL database. MySQL database administrators are usually familiar with turning on the binary logging for MySQL databases. For specific information on turning on MySQL logging refer to documentation from your vendor.

### DML and DDL Support

With HVR, support for both DML and DDL operations are available out of the box. Because HVR uses the changes to the data from the binary log changes, the network usage footprint is minimal and depends on the anticipated transaction volume for the specific application. To ensure data consistency and prevent out-of-sync conditions between source and target data sources, only committed transactions are transported over the network.

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ABOUT  
HVR

We accelerate data movement so that you can revolutionize your business. HVR is designed to move large volumes of data FAST and efficiently in modern environments for real-time updates.