HVR 5.7 — Multi-Cloud

What's Included?

The latest version of HVR simplifies the delivery of data into cloud destinations, allowing data architects and DBAs greater flexibility with on-premises and cloud-based data sources. With network-based encryption supported for years, this latest release extends data encryption capabilities to all your data replicated by HVR.

Encryption at Rest — Wallet

HVR 5.7 introduces support for an encryption wallet, which is software-based and leverages AWS's Key Management Service (KMS). Through the encryption key stored in the wallet, HVR will encrypt secret and confidential data as it flows through the channels. Secret data includes passwords and other credentials such as access keys. Confidential data is any of your applications' data.

The encryption wallet feature follows industry best practices for management including support for key rotation. To decrypt any encrypted data the wallet must be opened, with support for auto-open, password protection, or opening the wallet through a plugin. Combined with the existing network encryption feature, HVR 5.7 now provides end-to-end encryption of your data as it is replicated by HVR.

Snowflake Enhancements

The Snowflake cloud data platform is one of the most popular destinations for HVR data replication. To streamline deployments into Snowflake, HVR 5.7 delivers several enhancements, including:

- Support for internal staging. This enhancement eliminates the need for customers to provide their own staging through AWS S3, Azure Blob Storage or GCS, yet still, optimum data throughput is achieved.
- Improvements to the data delivery into Snowflake, resulting in less need to perform metadata queries, achieving better performance.
- Support for Snowflake on GCP, with staging through GCS.

ENCRYPTION AT REST

Introducing support for an encryption wallet, which is software-based and leverages AWS's Key Management Service (KMS).

SNOWFLAKE ENHANCEMENTS

Internal staging support, improvements to data delivery, support for Snowflake on GCP, and more!

NATIVE SUPPORT

Native support for the Google Cloud Platform (GCP).

PLATFORM UPDATES

Oracle 19c, SQL Server 2019, DB2 z/OS 12, and so many more.

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GCP (Google Cloud Platform) Technology Support

GCP is ranked the number three cloud platform behind Amazon Web Services (AWS), and Microsoft's Azure, growing rapidly thanks to new leadership and – thanks to its own experiences – an edge in Machine Learning and Artificial Intelligence (ML and AI).

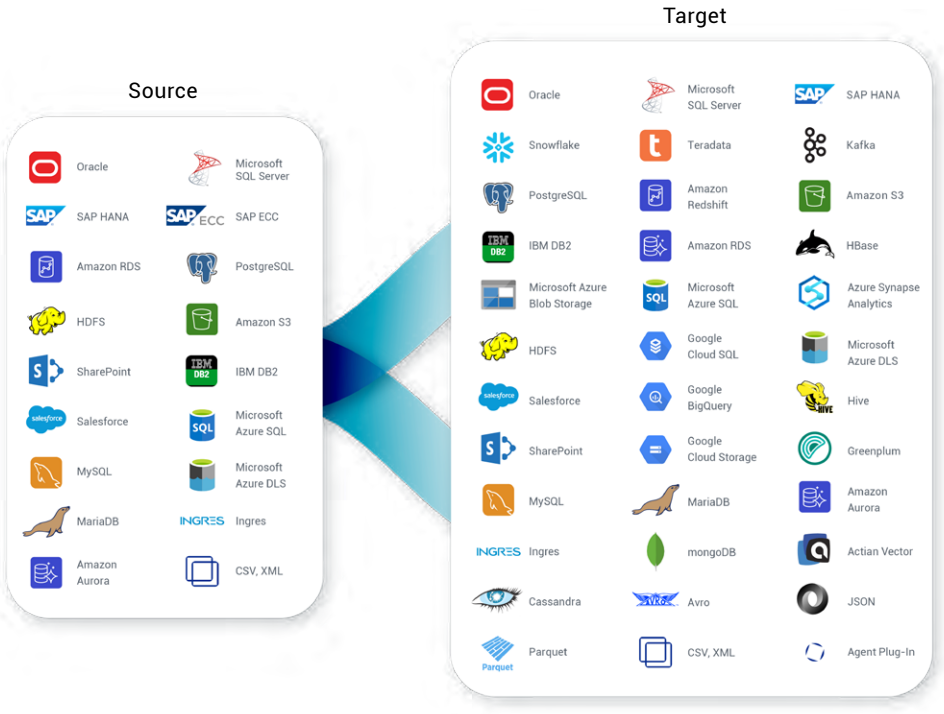
HVR + Google Cloud

In addition to Google BigQuery, HVR 5.7 enables customers to adopt the following GCP technologies:

- Google Cloud SQL – MySQL, as source or target
- Google Cloud SQL – PostgreSQL, as target
- Google Cloud Storage (GCS), as source or target for files
- Replicating data to/from any HVR supported technologies running on a Google Compute Engine is also supported.

Platform Updates

Enhancements to existing platforms, both on-premises and cloud-only technologies, enable organizations to replicate their data to the cloud destination of their choice. Platform updates include:



SOURCE AND TARGET

- Oracle 19c
- SQL Server 2019
- PostgreSQL 11 and 12, and respective AWS RDS and Aurora versions
- DB2 z/OS 12
- Azure Data Lake Store (ADLS) Gen2 (source for file replication)

TARGET ONLY

- Kafka, including support for Cloudera schema registry

Try your own cloud instance of HVR **Test drive**

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