

Snowflake and Denodo

Cloud Data Warehouse Accelerator: Zero-Downtime Migrations to the Cloud

Data volumes are growing exponentially, and traditional, on-premises data warehouses are costly to scale. However, companies feel locked into these systems as they are often tied to business-critical operations. Cloud-based solutions are promising, but companies are reluctant to migrate from legacy systems, since this would result in costly downtime.

WHY SNOWFLAKE AND DENODO?

Snowflake creates data warehouses that are built for the cloud from the ground up. This means that Snowflake enables companies to scale up or down in response to actual usage, without needing to purchase unnecessary blocks of nodes, and companies can scale processing power independently from storage space.

The Denodo Platform establishes a data virtualization layer that sits between data consumers and myriad disparate data sources, providing real-time, unified views across the different sources.

Working together, Denodo and Snowflake enable a joint solution called the Cloud Data Warehouse Accelerator, which enables companies to migrate to Snowflake without any downtime or interruption to business operations. By abstracting data consumers from the complexities of access, the Denodo Platform enables companies to migrate from legacy on-premises systems to Snowflake, without affecting data consumers.

The Denodo Platform offers the broadest access to structured and unstructured data residing in enterprise, big data, and cloud sources, in both batch and real-time, exceeding the performance needs of data-intensive organizations for both analytical and operational use cases, delivered in a much shorter timeframe than traditional data integration tools.

The Denodo Platform itself contains no data; all data remains at its source. Instead, the Platform contains the necessary metadata for accessing the appropriate sources to create real-time data views. These views include base views, which provide a one-to-one mapping to the source data; user-generated logical views, for transforming and customizing the base views; and interface views, which are fully executable. Underneath the Platform's abstraction layer, sources can be removed or changed without affecting the logical and interface views, since the Denodo Platform takes care of all the underlying connections. Users and consuming applications do not need to know where the data resides, even if the location changes on its way to Snowflake; they simply interface with the abstraction layer, which furnishes an executable view of the data. In this way, the Cloud Data Warehouse Accelerator enables a seamless transition to Snowflake.

The Cloud Data Warehouse Accelerator provides the foundation for implementing a logical data warehouse, which can provide real-time data access across on-premises data warehouses, cloud-based sources, and multi-cloud configurations.

Logitech, worldwide manufacturer of personal computer accessories, relied on the solution for a live migration from an on-premises data warehouse to Snowflake, and the solution also enabled advanced analytics that draws on a richer set of data sources. As a result, Logitech was able to accelerate and improve upon its business intelligence without impeding its existing business operations.

“ With the Denodo Platform, we were able to perform a live migration to Snowflake, with minimal impact on our day-to-day operations. ”

Avinash Deshpande, Chief Software Architect, Logitech

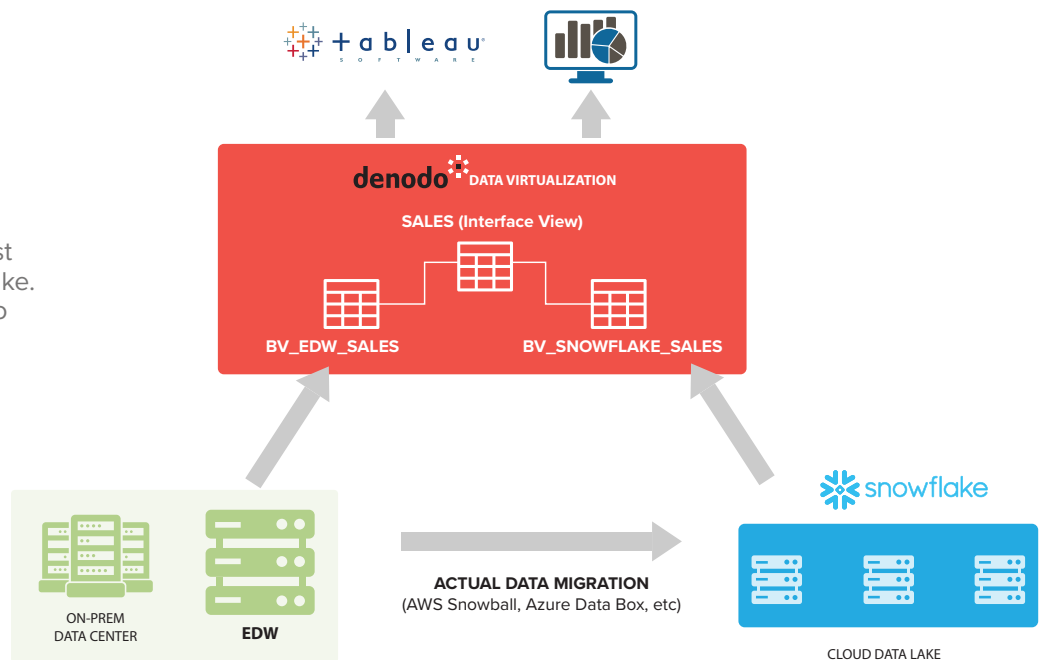
WHAT CAN YOU DO WITH DENODO AND SNOWFLAKE?

With Denodo and Snowflake, companies can:

- Migrate to Snowflake from legacy on-premises sources or from another cloud source, with zero downtime.
- Leverage a modern, cloud-based data warehouse for higher scalability and flexibility.
- Mitigate risks with a seamless cloud migration.
- Reduce the total-cost-of-ownership of the data infrastructure.
- Build the foundation for a logical data warehouse or logical data lake.
- Maintain one consistent business data model across all consumers and reporting tools.
- Reuse analytical objects across multiple tools and consuming applications.

Denodo + Snowflake CLOUD DATA WAREHOUSE ACCELERATOR

The Cloud Data Warehouse Accelerator, enabled through Snowflake and Denodo, is the most efficient way to migrate to Snowflake. The solution enables companies to migrate to Snowflake on their own schedules, with zero downtime.



About Denodo

Denodo is the leader in data virtualization providing agile, high performance data integration and data abstraction across the broadest range of enterprise, cloud, big data and unstructured data sources, and real-time data services at half the cost of traditional approaches. Denodo's customers across every major industry have gained significant business agility and ROI.

For more information, follow [@Denodo](#) or www.denodo.com

About Snowflake

Snowflake Computing, the cloud data warehousing company, has reinvented the data warehouse for the cloud and today's data. The Snowflake Elastic Data Warehouse is built from the cloud up with a new architecture that delivers the power of data warehousing, the flexibility of Big Data platforms and the elasticity of the cloud – at a fraction of the cost of traditional solutions. Snowflake is headquartered in Silicon Valley.

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