



# Dremio on AWS

## Power mission-critical BI and analytics directly on Amazon S3 with Dremio

### Modernize data analytics and manage growing data volumes

Exponential growth in data volumes has left many organizations in search of a different approach to collecting, accessing, and analyzing their data. Reliance on proprietary data warehouses has proven unsustainable because they are unable to handle the large volume and variety of data, and they lack the scale and performance necessary to deliver timely insights so business leaders can make data-driven decisions. There is also greater demand than ever for insights derived from that data. To meet these challenges, it is imperative to implement a solution that simplifies and streamlines data management and greatly accelerates time to insight.

### Dremio: Mission critical BI and analytics directly on Amazon S3

Deploying the Dremio Open Lakehouse Platform on Amazon Web Services (AWS) enables direct access to query data directly in Amazon Simple Storage Service (Amazon S3). It eliminates the need to move data to proprietary data warehouses using complex and brittle Extract, Transform, and Load (ETL) processes, or create data copies or BI extracts. As a result, data teams can simplify data management and governance to deliver lightning-fast, mission-critical BI and interactive analytics directly in Amazon S3 data lakes, and quickly respond to new data requests. It also democratizes access to data by enabling self-service, ad hoc analysis, and data exploration for a broad range of data consumers and use cases. The data remains in Amazon S3 buckets in the organization's account, and Dremio's query engine can power visualization tools like Tableau, Power BI, and more.

### Benefits

Dremio is a next-generation open lakehouse architecture that delivers timely insights derived from data stored directly in Amazon S3.



#### Make better decisions faster

Reduce the time to value for data from weeks to minutes and enable data-driven decision-making across your organization.



#### Future-proof data architecture

Build on an open data lakehouse architecture to enable your teams to quickly innovate and leverage emerging technologies.



#### Streamline data operations

Enable self-service analytics through a shared semantic layer to deliver a consistent experience to all users, across applications and tools.

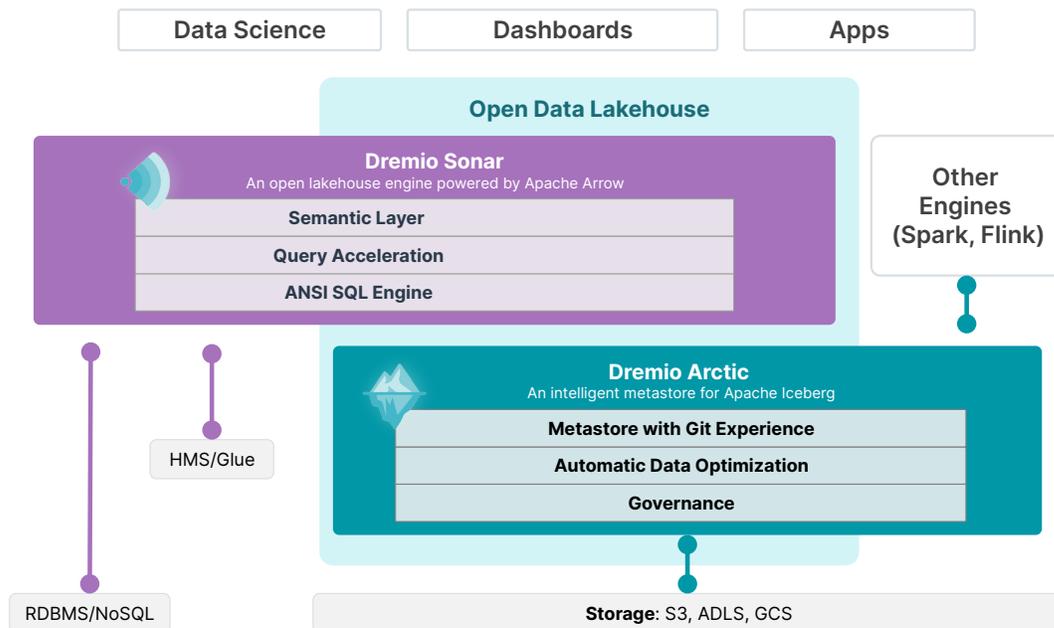


#### Optimize data costs

Reduce the costs associated with managing and maintaining complex, brittle ETL pipelines and multiple data copies, and make your data teams more productive.



## How it works



## Features



### Built for SQL

Leverage the skills your organization already has with a platform built for SQL. Reduce the time to value for your data with Dremio Sonar, a high-performance SQL query engine, that works directly on the data lake. Dremio is built on a combination of innovative components and features that have accelerated queries for customers by up to 100x. This means that for any given performance level, customers only consume a fraction of the cloud compute infrastructure and associated costs.



### Git-Like Experience

Simplify and streamline data management and data governance with Dremio Arctic, an intelligent metastore for Iceberg tables that makes data as easy to use as code. Dremio Arctic automates many data optimization tasks, including compaction, repartitioning, and indexing, so query engines can run more efficiently.



### Open

Dremio is built on open data formats and standards and leverages open-source technologies so customers maintain control over their data. Dremio Sonar works on other data sources, data tables, relational databases, and Dremio Arctic improves performance with other engines. Customers are free to choose technologies and solutions that best suit their workloads and can quickly innovate and adopt emerging technologies.

## Getting started with the Dremio Open Lakehouse Platform on AWS is simple.

To learn more visit [dremio.com/get-started](https://dremio.com/get-started)

### About Dremio

Dremio is the lakehouse company. Hundreds of enterprises around the world, including brands like Allianz Global Investors, FactSet, Knauf Insulation, Nutanix and OTP Bank, use Dremio's SQL engine to deliver mission-critical BI on the lake. As the original creator of Apache Arrow, Dremio is on a mission to reinvent SQL for data lakes and meet customers where they are in their cloud journey. Dremio was founded in 2015 and is headquartered in Santa Clara. To learn more, follow the company on [GitHub](#), [LinkedIn](#), [Twitter](#), and [Facebook](#), or visit [www.dremio.com](https://www.dremio.com)

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