DATOMETRY

RUNNING TERADATA WORKLOADS NATIVELY ON AZURE SYNAPSE ANALYTICS

Datometry Hyper-Q Platform for Azure Synapse

REPLATFORM AT A FRACTION OF COST
Datometry Hyper-Q reduces cost of replatforming by up to 90% compared to conventional migrations.

DRASTICALLY REDUCE RISK
Avoid multi-year projects that spiral out of control and put careers and business units at risk.

REPLATFORM IN ONLY 12-24 WEEKS
Move at the speed of business and unlock the value of cloud-native data way ahead of your competition.

RUN 99.5% OF TERADATA WORKLOADS
Transfer even the most complex workloads to Azure Synapse natively and without extensive rewriting.

OPERATE AT SCALE AND PERFORMANCE
Tap scalability and performance of a one-of-a-kind platform architecture.

ELIMINATE DEPENDENCIES ON TERADATA
Replace tools like BTEQ, loaders, and drivers with Datometry Tools with full functional parity.

Datometry Hyper-Q is a virtualization platform that lets enterprises move from Teradata to Azure Synapse. The power of virtualization means no extensive rewriting of SQL, yet all the benefits from the new platform. The new economic realities call for flexibility and elasticity of data management. On-premises data warehouses simply can't provide that. And so, cloud data warehouses have become a critical building block of every enterprise's data strategy. In addition, by replatforming to Azure Synapse, enterprises can integrate deeply with a rich ecosystem of vertical-specific solutions only available with Synapse.
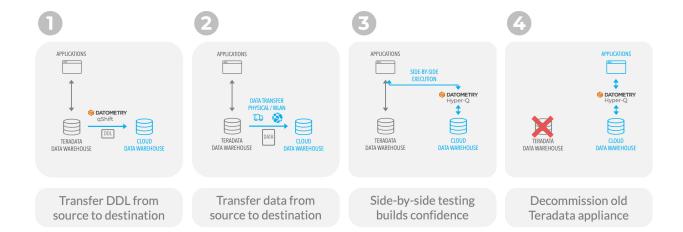
THE PROBLEM
Replatforming applications from Teradata to another data warehouse is a daunting task. Conventional approaches are notoriously insufficient. They often balloon into projects that take up to 5 years; sometimes even longer. When rewriting a large body of SQL semantic differences between Teradata and the new destination data warehouse need to be reconciled. Frequently, the differences in SQL require alteration to the original application. This adds risk to timeline and quality. Strong dependencies on Teradata tools like Multi-Load or BTEQ create additional obstacles.

THE SOLUTION
Datometry Hyper-Q is a virtualization platform that makes existing applications interoperate with Azure Synapse. With Datometry, Synapse "speaks" Teradata natively. No extensive rewrites of SQL are required. Datometry emulates all commonly used Teradata SQL. Its coverage includes analytical SQL as well as advanced operational concepts such as stored procedures, macros, SET tables, etc. Because Hyper-Q returns results bit-identical to Teradata, it provides for highly effective side-by-side validation of old and new. With Datometry, enterprises can move to Azure rapid-

| **1** Transfer DDL from source to destination | **2** Transfer data from source to destination | **3** Side-by-side testing builds confidence | **4** Decommission old Teradata appliance |

ly and take full advantage of Synapse immediately.

COMPLETENESS OF SOLUTION

Datometry Hyper-Q is a complete solution that's got you covered. Starting with an up-front analysis of the Teradata system it guides you through implementation—all the way to decommissioning of the legacy system.

Coverage

Hyper-Q covers all commonly used Teradata SQL. Allowing even for unique use cases, customers can expect 99.5% coverage of Teradata SQL on average. Hyper-Q emulates the full spectrum: language, type system, and advanced concepts including pre-ISO/ANSI SQL.

Scale & Performance

Hyper-Q is optimized for Synapse to achieve maximum scale and performance. Its architecture supports even the most demanding installations. Designed for scalability and resource efficiency, Hyper-Q scales both horizontally and vertically.

Tools & Utilities

The Datometry Hyper-Q product suite includes fully compatible drop-in replacements for all frequently used Teradata tools. Hyper-Q liberates enterprises from dependencies on BTEQ, Fastload, Multi-Load, TPUMP, or drivers while providing bit-identical operations and results.

BENEFITS

Replatform from Teradata to Azure Synapse at a fraction of time, cost, and risk. Avoid disruption to the business and preserve long-standing investments in application development and analytics. By separating move and subsequent modernization, out-innovate your competition by rapidly moving to the cloud — without leaving any applications or business logic behind.

CONTACT

For further information about Datometry Hyper-Q or to schedule an in-depth analysis of your Teradata system contact Datometry at **sales@datometry.com**

ABOUT DATOMETRY

Datometry is the data virtualization platform for the cloud. Our technology brings unprecedented simplicity to enterprises that want the benefits of modern cloud databases—without the complexity of reinventing existing applications and business processes. Find out more at **www.datometry.com**