Teradata and Attunity: Data Ingest and Data Warehouse Automation for the Cloud

PARTNER

Cloud deployment offers ease-of-use benefits including subscription pricing and the freedom to focus on business value rather than on infrastructure. Teradata offers industry-leading data and analytics solutions within private, managed, and public cloud (Amazon Web Services and Microsoft Azure) scenarios. And, Attunity offers industry-leading data ingest and data warehouse automation solutions to help you optimize data for analytics while reducing dependence on developers.

Attunity Compose: Data Warehouse Automation

Attunity Compose is a software solution that saves time and expense by automating the manual, repetitive aspects of data warehouse design, development, testing, deployment, operations, impact analysis, and change management. By simplifying extract, transform, and load (ETL) development and deployment tasks, Attunity Compose empowers both the data warehouse/ETL and business intelligence (BI) teams to flexibly deliver timely insights to the business.

Attunity technology was the first to be certified for Teradata in the Cloud.

Attunity Compose accelerates migrations to Teradata in the Cloud by automating ETL development and change control cycles of Data Manipulation Language (DML) and Data Definition Language (DDL) while ensuring quality and consistency. Using Attunity Compose, BI and data management teams have the flexibility to focus more on reporting and analysis and less on ETL. Key capabilities include:

- Data modeling using either model-driven or data-driven approaches
- Pre-built templates based on best practices
- Automated data extraction, loading, and mapping
- Complex data transformations
- Dynamic change propagation

Attunity Replicate: Data Ingest for Teradata UDA and Teradata in the Cloud

Attunity Replicate is an intuitive software solution for data integration. It accelerates the process of loading and ingesting data, in batch and real time, across a broad range of platforms, including the Teradata Unified Data Architecture (UDA) and Teradata in the Cloud from thousands of end points. Using change data capture (CDC) technology, Attunity Replicate identifies and relays data changes from source to target on a real-time basis. Attunity Replicate is agent-less and log-based, minimizing impact on source data systems while allowing efficiencies and low latency when ingesting changed data for analytics.

Teradata and Attunity Working Together

Working together, Teradata and Attunity help empower organizations with timely data warehouse automation and data ingest into the data lake, the data warehouse,

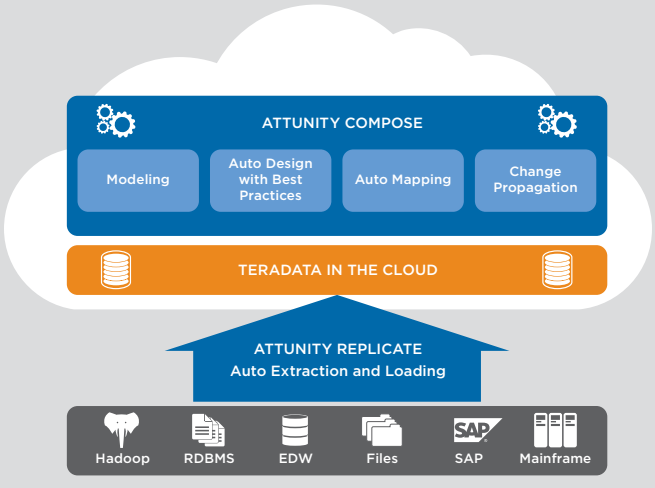

Figure 1.

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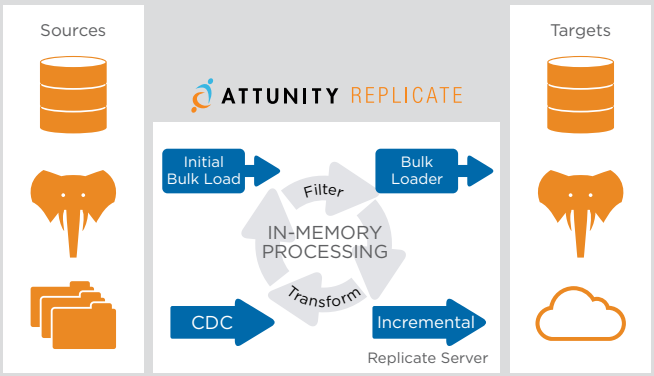

Figure 2.

and the cloud. The result is faster data access that allows deeper, richer analytics for business intelligence. Teradata customers can be assured that they have the right data in the right place at the right time.

For More Information

Contact your Teradata or Attunity representative or visit **Teradata.com** or **Attunity.com**.

About Teradata

Teradata empowers companies to achieve high-impact business outcomes. Our focus on business solutions for analytics, coupled with our industry leading technology and architecture expertise, can unleash the potential of great companies. Visit Visit **Teradata.com**.

About Attunity

Attunity is a leading provider of Big Data management software solutions that enable access, management, sharing, and distribution of data, including Big Data, across heterogeneous enterprise platforms, organizations, and the cloud. Our software solutions include data replication, data flow management, test data management, change data capture (CDC), data connectivity, data warehouse automation, data usage analytics, and cloud data delivery. More detail can be found at **Attunity.com**.

Why Consider the Cloud?

Cloud services enable companies to disrupt traditional paradigms in favor of new ways of creating value. Cloud-based data warehouse and big data analytics are becoming commonplace as most industry sectors identify opportunities to augment or replace existing infrastructure.

Multiple business and technical drivers are at play with cloud services:

- **Agile and Flexible Architecture**: Cloud solutions address the needs of clients who require a more flexible architecture. Fast provisioning, elastic computing power, and massively scalable data storage provide a level of agility not often found in traditional solutions.
- **Budget-Friendly Subscription Pricing**: The large capital expenditure involved in traditional IT projects can be a significant roadblock. Cloud services eliminate the need to purchase expensive infrastructure and offer subscription-based pricing that provides greater cost control.
- **Launch in Days**: Traditional on-premises projects can take months to launch. Procuring, deploying, and provisioning IT infrastructure is a time-consuming process. Cloud solutions can literally cut months into days.
- **Enterprise-Ready**: The technology available for cloud solutions has evolved quickly and has proven to be enterprise-ready. These environments are ready to take on the production workloads that in the past could only be delivered with on-premises systems.
- **Speed, Scalability and Security**: Cloud technology has advanced to address the sophisticated needs of enterprise customers. Speed, stability, and security are now all at the level where cloud offerings are truly ready for the enterprise.

10000 Innovation Drive, Dayton, OH 45342 **Teradata.com**

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