

# Teradata Data Mover

DATA WAREHOUSING



## Easy, Effective Data Movement

Moving data from one system to another is a key part of your analytical ecosystem operations. Well-planned, monitored, and managed data movement is essential to effective operation of your overall ecosystem.

Sometimes you only need a one-time copy of data from your enterprise data warehouse (EDW) to your test system. Other times, you must regularly synchronize a dual system environment. In either case, you need confidence that the data will be in the right place at the right time. On top of that, it must be accomplished while causing the smallest impact on the mission of serving your business analytical needs.

The decision about the best way to copy data between Teradata systems depends on many factors, including the data model and indexes present, other workloads in your system, and additional load jobs underway.

What you need is a solution that automates the data movement process, a solution that also accommodates the many situations found within your comprehensive analytical ecosystem. And that's exactly what Teradata® Data Mover delivers to you and your business all the supporting capabilities you need to easily, effectively—and affordably—meet your data movement demands.

## Intelligent Selection

Teradata Data Mover is a utility designed specifically to copy data and objects such as tables and statistics from one Teradata system to another. It takes advantage of the built-in underlying technologies already in your Teradata system. And it understands the available techniques you have for extracting data from or loading data into your Teradata Database, as well as our various load utilities, backup/restore products, and the JDBC driver.

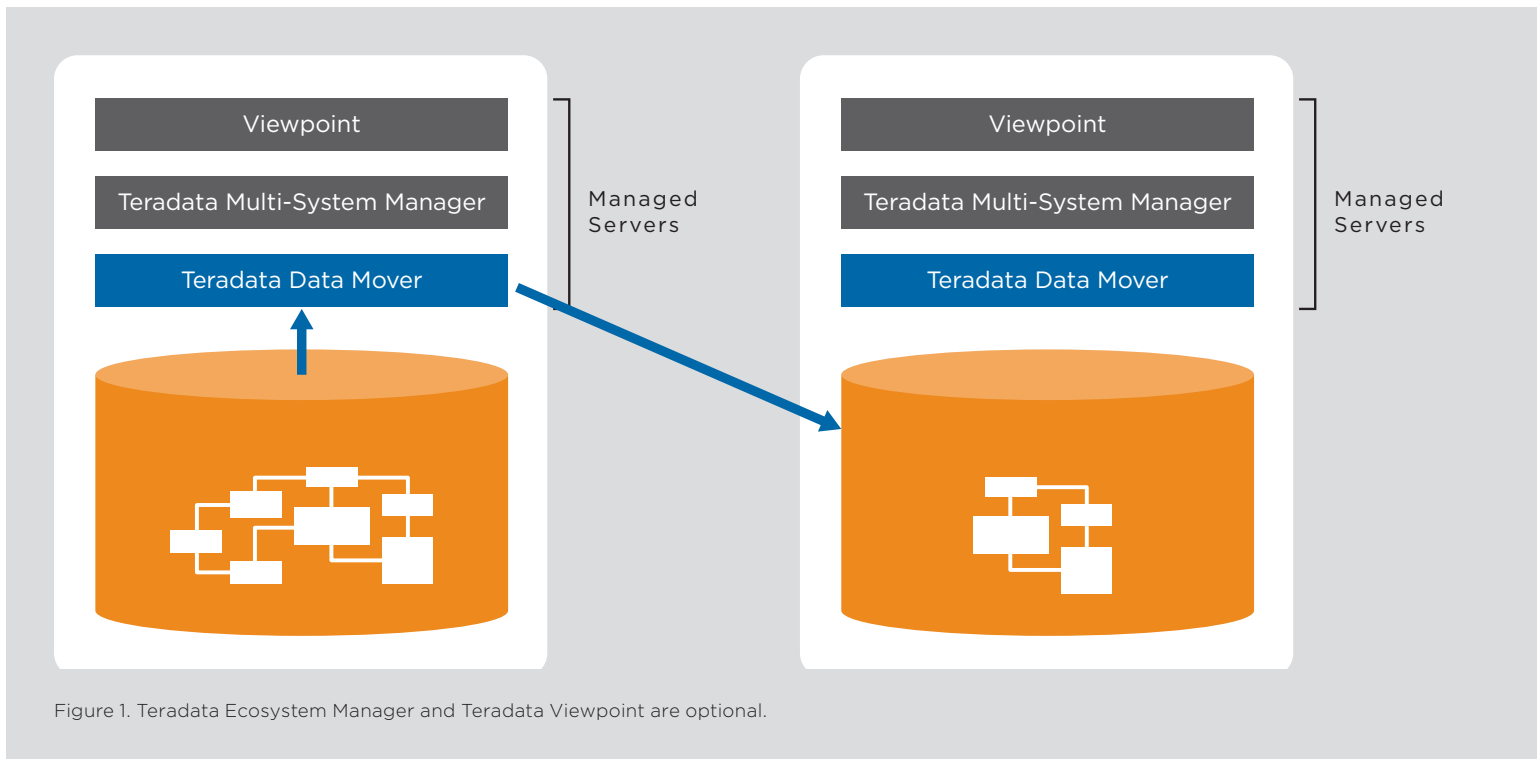


Figure 1. Teradata Ecosystem Manager and Teradata Viewpoint are optional.

We know there are many ways to extract and load data, but Teradata Data Mover understands the strengths of each one of those techniques. The result? An intelligent selection process that dynamically chooses the most efficient and appropriate utility to accomplish any kind of data movement. And it's all accomplished seamlessly, automatically working in the background so you can focus time and resources on other tasks.

## Leverage Existing Technologies

Teradata Data Mover leverages all of the established data loading protocols and technologies to meet your needs and environment best. You can use the utility for:

- Regular periodic tasks including populating a dependent data mart from an EDW.
- Special one-time tasks such as moving data to a test system.

The utility also works with every member of our Teradata Workload-Specific Platform Family. In addition, it runs on a Teradata Managed Server for high availability and comprehensive monitoring.

## An End-to-End Management Solution

You can also integrate data movement within your comprehensive ecosystem management and load jobs and automate Teradata Data Mover for your production execution needs. That's because the utility can be tightly integrated with Teradata Ecosystem Manager for end-to-end management of changes to your environment. The utility works with Teradata Ecosystem Manager to support these commands and status messages:

- Send event for the start of a job.
- Send event for end of a job.
- Send event for a job in progress.

And Teradata Data Mover can be integrated with load processes to copy data to a second system. That means you can copy data from an EDW to a secondary data lab or mart as soon as the data is loaded into the EDW. Teradata Data Mover also provides safeguards to force the direction of data movement and eliminate any possibility of copying data in the wrong direction.

Teradata Data Mover not only copies data, but reduces operational cost and complexity and improves your overall data management capabilities by copying an array of objects, including Tables, PPI tables, Global Temp

## Swift, Simple Data Movement

Your analytical ecosystem uses multiple Teradata systems, each with different roles. For example, you may have a Teradata Active Enterprise Data Warehouse serving as an EDW, a Teradata Integrated Big Data platform for deep history web click analysis, and a Teradata Data Mart Appliance as a test and development system. As part of your critical ongoing maintenance, you must be able to move or copy data from one system to another. Teradata Data Mover simplifies data movement and enables process automation, control, and monitoring. It also provides a point-and-click user interface to enable powerful data movement commands.

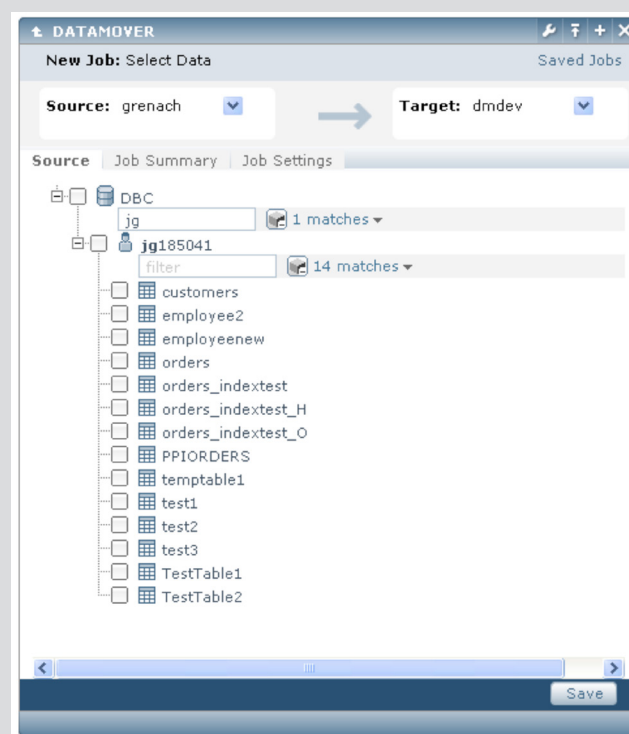


Figure 2.

Tables, Tables with LOB columns, Statistics, Triggers, Join indexes, Hash indexes, Tables with UDT columns, Users, Stored Procedures, View Definitions, and Macros.

## Flexible, Powerful, Easy-to-Use

The value of any analytical system rests heavily on having the right data in the system. In fact, the very success of your enterprise can depend on the smooth operation of the data movement. That's why it's so vital that data be moved quickly and reliably between your Teradata systems. And you can add more value—and reduce

operational costs—when you use production-quality tools to create standardized jobs, monitor status and progress, and handle exceptions.

Teradata Data Mover offers you a complete solution to improve your processes and reduce the cost involved in maintaining the analytical ecosystem. Take advantage of its scope of data movement technologies and breadth of control mechanisms. Whether it's event-driven for automatically moving newly loaded data or ad-hoc DBA-initiated copies for exception processing, Teradata Data Mover gives you the power and flexibility to strengthen your analytical environment and deliver even more value from your data.

## A Complete Ecosystem

Teradata Data Mover is part of an integrated portfolio of powerful products that work together to turn a multi-system environment into an orchestrated analytical ecosystem. Within a Teradata analytical ecosystem, these tools comprise all the features and capabilities needed to simplify and synchronize systems. There are myriad benefits for both IT and business.

### IT Benefits

- Automated management of the analytical ecosystem enables the warehouse to grow in sophistication and scale without a corresponding increase in staff.
- Architectural flexibility to deliver operational and strategic intelligence meets both business and technical needs.
- A comprehensive, proven solution reduces risk, saves time, and provides seamless growth in enterprise analytics.

### Business Benefits

- Transparent access to diverse analytics gets query results to users while shielding them from IT complexities.
- Continuous access to analytics allows uninterrupted decision making.
- A cost-effective solution minimizes the IT investment needed to deliver business analytics.

## Why Teradata?

Teradata helps companies get more value from data than any other company.

Our big data analytic solutions and team of experts can help your company gain a sustainable competitive advantage with data.

## For More Information

To find out more about how the Teradata Data Mover utility can help you maximize your data warehouse performance so you can continue to grow your business, contact your local Teradata representative, or visit **Teradata.com**.

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

Teradata and the Teradata logo are registered trademarks of Teradata Corporation and/or its affiliates in the U.S. and worldwide. Teradata continually improves products as new technologies and components become available. Teradata, therefore, reserves the right to change specifications without prior notice. All features, functions, and operations described herein may not be marketed in all parts of the world. Consult your Teradata representative or Teradata.com for more information.

Copyright © 2012-2016 by Teradata Corporation All Rights Reserved. Produced in U.S.A.

08.16 EB5984



**TERADATA.**