

UNITY ECOSYSTEM MANAGER

MONITOR AND CONTROL YOUR DATA WAREHOUSE ENVIRONMENT

By now you've certainly discovered that your data warehouse has taken on an increasingly complex and crucial role in your mission-critical business processes. And you've probably also found out that managing your entire data warehouse environment has become equally complex. That's why understanding and controlling that environment has never been more critical.

Ask yourself these questions:

- ~ What if one of your ETL servers failed?
- ~ What if a load process didn't complete?
- ~ What if you couldn't access your database?

Would you immediately know which applications were affected? And which users? More important, would you know how those problems hampered your ability to do business? You must be able to answer these questions because understanding the relationship between problems in your environment and your business processes is essential to meeting your service level agreements (SLAs).

SUMMARY VIEW OF ALL APPLICATIONS

Application	St	Con	C	P	T
Loyalty (ALL)	▶	▶	▶	▶	▶
MARKETBASKET (ALL)	▶	▶	▶	▶	▶
SalesAnalysis (ALL)	▶	▶	▶	▶	▶
SupplyChain (ALL)	▶	▶	▶	▶	▶
...ADW (ANY)	▶	▶	▶	▶	▶
...App-Infrastructure (ANY)	▶	▶	▶	▶	▶
...ETL-Infrastructure (ANY)	▶	▶	▶	▶	▶
...Load_Product (ANY)	▶	▶	▶	▶	▶
Load_Product_Falcon (ALL)	▶	▶	▶	▶	▶
Load_Product_Hawk (ALL)	▶	▶	▶	▶	▶
...Load_Sales (ANY)	▶	▶	▶	▶	▶
Load_Sales_Falcon (ALL)	▶	▶	▶	▶	▶
Load_Sales_Hawk (ALL)	▶	▶	▶	▶	▶
...QueryRouting (ANY)	▶	▶	▶	▶	▶

Figure 1. The health of all Teradata ecosystems is monitored to present a consolidated, application level status view.

PINPOINT PROBLEMS. REACT RAPIDLY.

To meet those SLAs, you need a way to identify *all* types of failures within your environment. You need to understand the effect any failure has on applications and users. And, you must be able to take quick, accurate, and consistent action to deal with the problem, as well as efficiently alert those specific users who are affected.

Enterprise management systems provide basic monitoring of disparate systems and alerting of failed systems. They do not provide state detection and event correlation among systems, processes, applications, and end-user experiences. The result? Companies have no simple way of knowing how a single component or process affects another component or process anywhere else in the enterprise.

ENTER TERADATA UNITY

Teradata® Unity is a portfolio of powerful products that are integrated to work together to turn a multi-system environment into an orchestrated analytical ecosystem. Within a Teradata analytical ecosystem, Teradata Unity comprises 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

MORE-EFFECTIVE MANAGEMENT

But that all changes with Unity Ecosystem Manager. This end-to-end approach to meeting application SLAs through monitoring, administration, and control of both single and multi-system environments lets you more effectively manage every part of your data warehouse environment. That includes your ETL servers and ETL processes, your Teradata system or systems, your database, BI servers, applications, resources, and data synchronization levels.

Unity Ecosystem Manager provides you with a single console that lets you visually understand the state of your data warehouse environment and its readiness for both applications and users. Plus, its at-a-glance view of all your supporting components, processes, and data makes it easy to monitor the status and health of an application running at multiple sites.

It gives you more control of the hardware, software, and processes in your environment. And it allows you to take automated action whenever specific conditions are met, including automatic notification to those specific users who may be affected.

ENSURE CONTINUOUS AVAILABILITY

Because Unity Ecosystem Manager focuses solely on data warehouse environments, it brings you and your business an array of benefits including simplified operation of dual system environments and tight integration with all components in your data warehouse environment. And, its application-approach to ensuring continuous availability makes it ideal for shifting workloads between Teradata dual systems.

With Unity Ecosystem Manager, you can easily coordinate processes during either planned or unplanned outages for even higher levels of availability.

BETTER CUSTOMER SERVICE

Now, ask yourself these additional questions. What if you could:

- ~ Eliminate single points of failure in your environment?
- ~ Identify problems and take automated action to resolve or isolate the impact?
- ~ Automate disaster recovery procedures?

How would you work differently in such an environment? And how could you serve your customers better? Unity Ecosystem Manager has all the answers.

WHO NEEDS UNITY ECOSYSTEM MANAGER?

Unity Ecosystem Manager can be the right solution if you have a dual system environment, or if your business is planning to move to one. That's because it can help simplify monitoring, administration, and control of systems and processes inside your Teradata environments. Tight integration with Unity Director, Unity Loader, and Unity Data Mover as well as the ability to monitor dual data load processes, data synchronization levels between systems, and exception reporting make Ecosystem Manager the perfect solution for managing your dual systems and ensuring the highest levels of availability for end users.

If you have a single system environment, Unity Ecosystem Manager is a sound choice as well. With the console, you can create a single operational view and automated controls for monitoring and alerting on:

- ~ Load processes
- ~ Data currency
- ~ Exception reporting
- ~ Exceeding of thresholds

WHY TERADATA?

Teradata is the world's largest company solely focused on creating enterprise agility through database software, enterprise data warehousing, data warehouse appliances, and enterprise analytics.

FOR MORE INFORMATION

To find out more about how Unity Ecosystem Manager can help you gain greater management control over your entire data warehouse environment so you can continue to grow your business, contact your local Teradata representative or visit Teradata.com.



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