

Optimizing Analytics with SAS[®] Managed Server

Integrating Analytics and Data Management

Teradata Corporation, the global leader in pervasive data intelligence, offers an integrated environment with SAS[®] analytics offering improved performance and enhanced enterprise data management required for today's leading edge and innovative companies. The SAS Managed Server from Teradata enables SAS analytics to run in Teradata Vantage™ for data exploration, data preparation, model development and model deployment. It extends the Vantage ecosystem to provide end-to-end advanced analytics and data management in a single, compact system.

Designed to Deliver Efficiency and Performance

The SAS Managed Server from Teradata is a set of nodes configured specifically for running traditional SAS Analytics and can reside in the Teradata IntelliBase™ or IntelliFlex™, as shown in Figure 1. The SAS Managed Server consists of dual 18 core Intel processors, 24 x 2.4T drives, up to 1.5T of RAM, and SUSE Linux Enterprise operating system, with enterprise class BYNET for the networking all in a power-efficient system. The servers connect directly to the Teradata system via BYNET providing ultra high-speed local network access. Best of all, the solution is supported by the most trusted name in getting answers from data—Teradata.

Enterprise Readiness

- Centralized Teradata Viewpoint capabilities, providing a unified monitoring point for the entire Teradata ecosystem.
- Connected via BYNET, supporting superior data access methods used inside the Teradata database.
- Easy administration, via centralized systems management capabilities.

Optimized for Performance

- Fast dual 18-core Intel processor for parallel analytic calculations.
- Flexible connectivity options to support a variety of analytic environments
- Large local file system, configured to support high I/O workload required by traditional SAS analytic processing.
- Dedicated networks for database transfers and analytic data flow.

Cost Efficient, Easy to Govern

The SAS Managed Server is cost efficient and easy to govern. It comes pre-configured, ready to support SAS Analytics out of the box. It plugs into the Vantage common system management infrastructure, with automated monitoring so your system administrators never have to worry about network engineering or server placement.

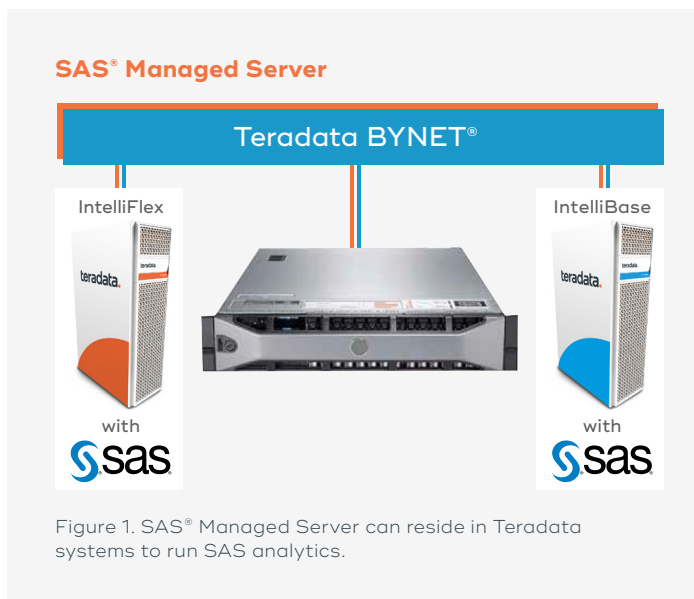
Long-term benefits include:

- A data management environment supporting enterprise analytics—you can source your analytic and data platform(s) in one cabinet.
- Leverage your existing resources and tools—no additional training is needed for your SAS users, DBAs, systems administrators, or application developers.
- Leverage the same data, data models, table structures, views, queries, and load programs across the entire Teradata ecosystem.

End-to-End Service and Support

In addition to hardware and software technology, Teradata offers you a full array of support advantages, including:

- A single vendor for all your support needs with Industry-certified regional and global Customer Care Centers.
- Experienced service representatives dedicated to data management support.
- Collaborative support model spanning Teradata and SAS expertise.
- Tested and proven support processes.



Optimized for SAS® Analytics

The SAS® Managed Server is optimally configured to deliver benefits to your analytical staff and your entire organization, including:

- **Reduce time to market** – with SAS analytics running in Vantage, you can analyze more data faster and make data-driven decisions. Ask and answer new and complex business questions without latency, and apply new insights to your daily operations.

- **Effective, efficient configuration** – derive data-driven insights for high-value and time-sensitive decisions. The integrated analytic environment allows SAS and Vantage to run side by side, test scenarios, and detect changes in an unpredictable market to make timely recommendations, all from within the Teradata systems.
- **End-to-end capabilities** – Teradata and SAS are highly skilled in data management and analytics. Together, we provide a comprehensive data management and analytics life-cycle framework to help customers with their complex data challenges.
- **Integrated with Vantage** – seamless fit into Vantage facilitating data management and analytic applications throughout the architecture.

Why Teradata?

Teradata transforms how businesses work and people live through the power of data. Teradata leverages all of the data, all of the time, so you can analyze anything, deploy anywhere, and deliver analytics that matter most to your business. And we do it on-premises, in the cloud, or anywhere in between. We call this pervasive data intelligence. It's the answer to the complexity, cost and inadequacy of today's approach to analytics. Get the answer at Teradata.com.

For More Information

To find out how the SAS® Managed Server can help deliver analytics faster, more efficient, and cost effective while you improve your data-driven decisions, contact your local Teradata representative or visit Teradata.com/sas.

17095 Via Del Campo, San Diego, CA 92127 Teradata.com

The Teradata logo and Teradata Vantage are trademarks, and Teradata is a registered trademark 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.

© 2019 Teradata Corporation All Rights Reserved. Produced in U.S.A. 08.19



teradata.