

Optimizing Analytics with SAS Managed Server

DATA WAREHOUSING



Integrating Analytics and Data Management in a Box

Teradata Corporation, the global leader in data warehousing and analytics, 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 for data exploration, data preparation, model development and model deployment. It extends the Teradata systems 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 any of the Teradata® Workload-Specific Platform Family, as shown in Figure 1. These servers consist of dual Intel® eight core processors, 24-1.2TB data drives, SUSE® Linux operating system, with 256 GB of RAM and an enterprise-class BYNET networking infrastructure—into a power-efficient system. The servers connect directly to the Teradata Platform Family via BYNET providing high-speed local network access. Best of all, the solution is supported by the most trusted name in data warehousing—Teradata.

Enterprise Readiness

- Centralized Teradata Viewpoint capabilities, providing a centralized 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 8-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 Teradata 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 warehousing platforms in one box.
- Leverage your existing resources and tools—no additional training is needed for your SAS users, your DBAs, systems administrators, or application developers.
- Leverage the same data, data models, table structures, views, queries, and load programs.

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 Teradata support needs.
- Industry-certified regional and global Customer Care Centers.
- Collaborative support model spanning Teradata and SAS expertise.
- Experienced service representatives dedicated to data warehouse support.
- Tested and proven support processes.

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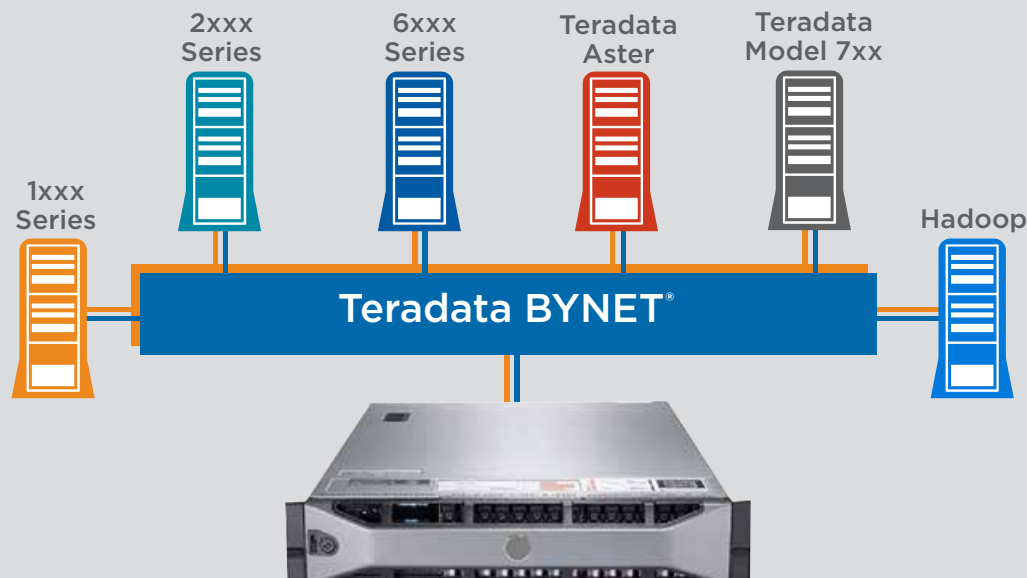


Figure 1. SAS® Managed Server can reside in any of the members of the Teradata Workload-Specific Platform Family to run SAS analytics.

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 Teradata Platform Family, 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 Teradata to run side by side, test scenarios, and detect changes in an unpredictable market to make timely recommendations, all from within the Teradata Workload-Specific Platform Family.
- **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 big data challenges.

- **Integrated with the Teradata Unified Data Architecture™** – seamless fit into Teradata Unified Data Architecture facilitating data management and analytic applications throughout the architecture.

Why Teradata?

Teradata Corporation is the world's leading analytic data solutions company focused on integrated data warehousing, big data analytics, and business applications. Innovative products and services from Teradata empower organizations to integrate, analyze, and profit from data for competitive advantage.

For More Information

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

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