



VEXATA FOR SAS

Solution Brief

High Performance Analytics Demand A New Data Infrastructure

Enterprises are rapidly shifting to data-intensive, transactional analytics applications that deliver interactive and contextual online customer experiences and respond in real-time to high volume mobile and IoT events. These high performance enterprise applications require data infrastructures that deliver ultra-responsive

data I/O across large active data sets. While SAS Grid and now SAS Viya™ are architected to meet the demands of modern business analytics and to take optimal advantage of modern multi-core CPUs, their performance and scale is ultimately constrained by storage I/O responsiveness. Even today's leading enterprise all-flash

arrays can not keep up with the capabilities of modern CPUs and servers. Consequently, SAS Grid and SAS Viya™ servers are stalled waiting on I/O and can remain vastly underutilized when operating across large data sets.

SEAMLESS

Simple plug and play with industry standard interfaces and Enterprise class data availability and protection

ELASTIC

Scale compute and storage independently to scale up to 240 SAS Grid sessions and >100TB data sets

10X TRANSFORMATIVE

Support 10x more users on your existing SAS Grid infrastructure. Extend in-memory for SAS Viya™

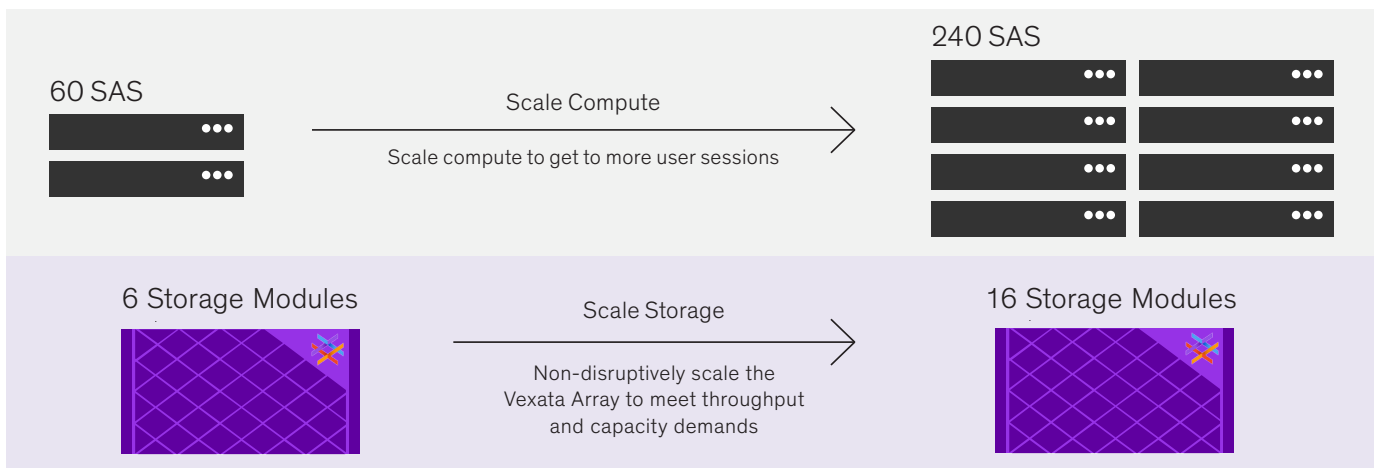
Transform Your SAS Environment With Vexata Scalable Systems

Vexata offers a transformative data infrastructure for the high performance analytic applications running on top of SAS Grid or SAS Viya™ platforms. Vexata Scalable Systems achieve unparalleled I/O responsiveness across large data sets allowing you to unlock the maximum performance from your SAS software and server environment.

Vexata lets you unlock the full potential of your SAS software and servers. With the Vexata VX-100F NVMe Flash Storage System, you can scale your existing SAS environment to support 10x more user sessions, dramatically accelerate complex analytics across large data sets, and seamlessly and independently scale storage as you scale SAS servers to fully utilize your SAS licenses. The Vexata VX-100M

Optane system offers even higher levels of performance and allows enterprise architects to approach memory-class performance with best in breed solid state storage technology.

Simply add a Vexata Scalable Systems into your storage network and alongside your existing storage, provision hot volumes onto Vexata and scale capacity, performance and throughput on-demand as your SAS data requirements scale.





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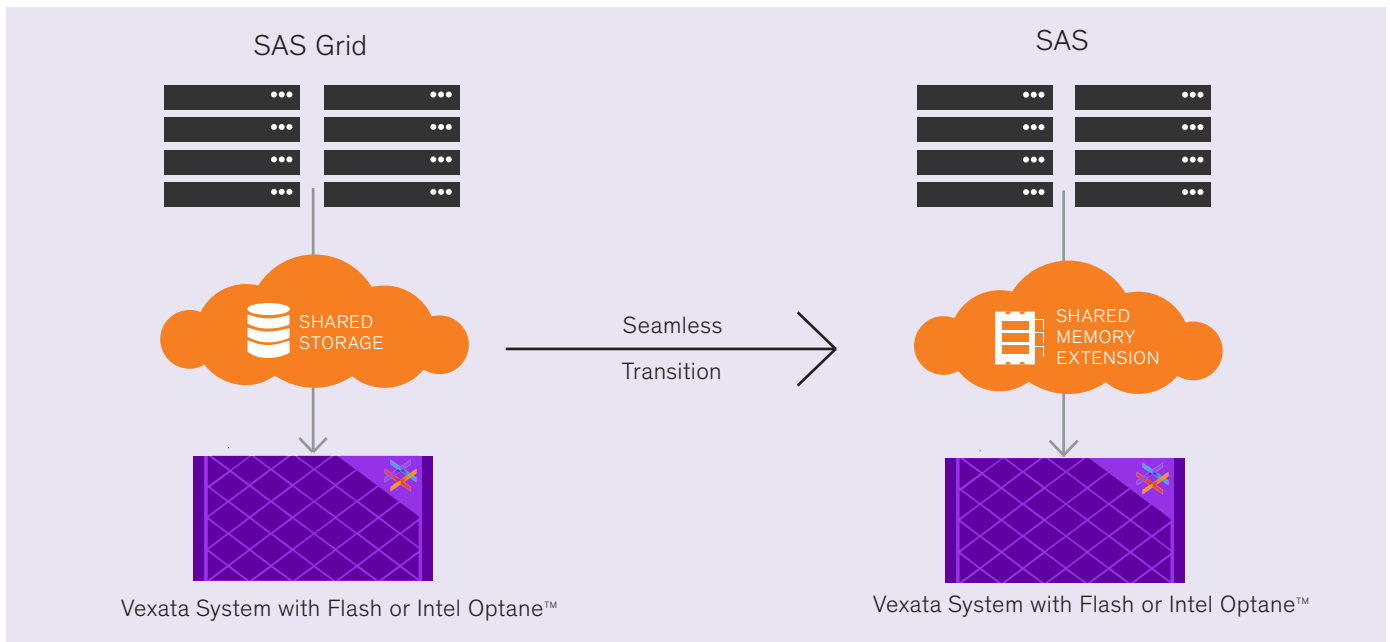
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Achieve Maximum Performance From SAS Viya™

The powerful new SAS Viya™ analytics platform accelerate time to insight by utilizing in-memory systems to maximize performance. While these systems can process data with very low latency, they are naturally limited by the amount of volatile Random Access Memory (RAM) present in these systems, scaling these in-memory

systems can be quite expensive. Using Intel® Optane™ technology, the VX-100M Optane Storage System utilizes memory-class storage to deliver extremely fast non-volatile storage for shared memory extension to cost effectively scale these systems. With Vexata Scalable Data Systems, SAS Viya™ can now operate on much larger data sets for data

loads that approach in-memory performance. With this capability, it is also possible to upgrade your SAS Grid environment to SAS Viya™ and operate on all your data to accelerate time and quality of insights for your business.



ABOUT VEXATA

Vexata is the leader in active data management solutions. Vexata's unique breakthrough enterprise offerings enable transformative performance and scale from database and analytics applications. With unparalleled ability to consume the latest in media like NVMe Flash and now with with Optane™ SSDs, Vexata systems deploy simply and seamlessly into existing storage environments. Learn more at www.vexata.com