



Data-intensive environments and modern workloads require optimal performance regardless if deployed on cloud or on-premise platforms. Compromising performance can be costly and unproductive. Today's IT and Cloud leaders require a data and storage management solution that leverages their existing computing environment while automatically utilizing different storage tiers to support multiple workloads regardless of their industry or data type.

Sycomp Storage is a software-defined implementation and managed service offering that enables IT and Cloud teams use different storage tiers, any virtual machines (VMs) or drive types, while leveraging their cloud and on-prem platforms to optimize data performance, costs and efficiencies. What usually would take days, Sycomp offers a new way for organizations to use their cloud environments as a burst platform within a few minutes to a few hours for modern workloads such as High-Performance Computing (HPC), Artificial Intelligence, and Machine Learning (AI/ML).

Key Benefits:



Optimizes file storage for HPC, AI, and ML workloads using the best price / performance environment



Concurrently access data from thousands of VMs, with data access via NFS and the high-performance IBM Storage Scale client



Deploys in minutes to a few hours



Provides ideal backup and disaster recovery environment



Supports auto-tiering to reduce costs



Supports all data-intensive workloads across multiple industries



Delivers performance numbers over 300 gigabytes per second



Allows multi-cloud mobility

How it works?

Sycomp Storage experts gather customer network, capacity, and performance requirements to help define the cluster environment. Once defined, Sycomp provides deployment guidance or can access and deploy it directly for the customer. A 30-day proof of concept (POC) is initiated and designed to give customers use of the software licenses at no cost. Upon successful completion of the 30-day POC, Sycomp works with the customer to move forward with the solution along with the appropriate support model. Sycomp provides additional capabilities including data encryption, data transfer, application job scheduling and integration with automation tools.

What customers are saying...

*"Sycomp's offerings of Sycomp Storage Fueled by IBM Storage Scale has enabled us to utilize the Azure cloud in a **cost-effective manner** that provides the **best of breed storage** for our workloads."*

– Large Silicon Valley (Hyperscaler)

*"SAS recently tested SAS 9.4 on MS Azure instances using Sycomp Storage Fueled by IBM Storage Scale (GPFS) file system. The **results of the testing were very favorable.***

*Other testing with Sycomp has shown the ability to have **even more cores achieve the minimum IO throughput needs of SAS with over 100 cores.**"*

– SAS Institute

What partners are saying...

*"HPC continues to innovate bringing enterprise class software defined Storage to the Google Cloud. Sycomp Storage Fueled by IBM Storage Scale (formerly Spectrum Scale) **provides price/ performance on GCP delivering up to 300GB/s reads**, auto-tiering to GCS in a managed service for your HPC, AI and ML, analytics, and hybrid cloud requirements through the GCP marketplace."*

Sam Werner,
VP, Product Management at IBM Storage

*"HPC and AI customers demand the best price and performance out of [Google Cloud] GCP. The new Sycomp Storage offering in Marketplace delivers a **fully supported high- performance storage offering** that users have been waiting for. Sycomp Storage Fueled by IBM Storage Scale provides a permanent parallel file system that can dynamically access data in Google Cloud Storage and then **deliver up to 300GB/s of low latency read capability.**"*

Dean Hildebrand
Technical Director, Office of the CTO at Google

About Sycomp

Sycomp is a global IT services and logistics provider with extensive expertise in cloud, data center, endpoint management and security solutions. Sycomp's diverse team of consultants and engineers deliver on the company's mission to tackle challenging global IT projects through its state-of-the-art integration and warehouse centers and global technology partnerships. Headquartered in the heart of Silicon Valley, California, Sycomp has successfully shipped, deployed and managed complex IT projects and supporting assets in more than 150 countries helping its Fortune 500 customers and global partners realize a world without boundaries. Visit sycomp.com for more information.

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