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CIRRASCALE CLOUD SERVICES ADDS NVME HOT TIER STORAGE OFFERING POWERED BY WEKALIO TO ACCELERATE DEEP LEARNING APPLICATIONS

The company's multi-GPU deep learning and HPC cloud platform now supports WekalO Matrix™ to provide unmatched storage speed and scalability for AI and HPC analytics applications

MONTREAL, Canada – NeurIPS Conference – Dec. 3, 2018 – Cirrascale Cloud Services®, a premier provider of multi-GPU deep learning cloud solutions, today announced the addition of a specialized NVMe hot tier storage offering powered by WekalO Matrix, the world's fastest file system, to its cloud services platform. The offering helps remove storage bottlenecks faced by customers who use inference training datasets consisting of millions of files to improve outcomes and increase accuracy of deep learning models.

WekalO's Matrix software is a fully parallel and distributed file system that has been designed from scratch to leverage Flash technology. Both data and metadata are distributed across the entire storage infrastructure to ensure massively parallel access to NVMe drives. WekalO Matrix has demonstrated the ability to easily saturate a GPU cluster and deliver more than 10GBytes/second per node across an InfiniBand network.

"Our WekalO Matrix software performs at its peak ability on the Cirrascale Cloud Services platform, providing an unmatched level of performance and scalability for customers in the AI space looking for flexibility in a cloud deployment," said Andy Watson, CTO at WekalO. "With WekalO Matrix, they'll be able to provide their growing list of deep learning customers a fully parallel and distributed file system that can handle the most demanding data and metadata intensive operations."

Cirrascale Cloud Services differentiates its platform by offering the industry's most up-to-date, dedicated GPUs as a bare metal offering. This gives users the full power of modern, dedicated, directly accessible GPUs and associated compute hardware, as well as ultimate flexibility in system configuration. The available configurations ensure that a wide variety of application types can be addressed, including deep learning, artificial intelligence, high performance data analytics, and accelerated databases.

"We have been extremely impressed with the significant speed up we have seen with processing large data sets and being able to keep GPUs receiving data from our back-end storage at tremendous speeds," said Dave Driggers, CTO, Cirrascale Cloud Services. "With WekalO Matrix, our customers are now able to experience the level of performance they expect by eliminating I/O starvation when running deep learning analytics."

WekalO Matrix is available immediately as an AI Ecosystem Partner solution on the Cirrascale Cloud Service platform, and current clients wanting to test the performance can sign up for a test drive by contacting their account managers. For more information and to sign up, visit <http://www.cirrascale.com> or contact Cirrascale Cloud Services at (888) 942-3800.

About Cirrascale Cloud Services

Cirrascale Cloud Services is a premier provider of public and private dedicated, multi-GPU cloud solutions enabling deep learning. The company offers cloud-based solutions for large-scale deep learning operators, service providers, as well as HPC users. To learn more about Cirrascale Cloud Services and its unique dedicated, multi-GPU cloud solutions, please visit <http://www.cirrascale.com> or call (888) 942-3800.

About WekalO

WekalO helps companies manage, scale and futureproof their data center so they can solve real problems that impact the world. WekalO Matrix™, the world's fastest shared parallel file system and WekalO's flagship product, leapfrogs legacy storage infrastructures by delivering simplicity, scale, and faster performance for a fraction of the cost. In the cloud or on-premises, WekalO's NVMe-native high-performance software-defined storage solution removes the barriers between the data and the compute layer, thus accelerating artificial intelligence, machine learning, genomics, research, and analytics workloads.

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