



November 27, 2017

System Fabric Works and ThinkParQ become partners for highest speed Parallel File System

Austin, TX and Kaiserlautern, Germany.

Today System Fabric Works announces its support and integration of the BeeGFS file system with the latest NetApp E-Series All Flash and HDD storage systems which makes BeeGFS available on the family of NetApp E-Series Hyperscale Storage products as part of System Fabric Work's (SFW) Converged Infrastructure solutions for high-performance Enterprise Computing, Data Analytics and Machine Learning.

"We are pleased to announce our Gold Partner relationship with ThinkParQ," said Kevin Moran, President and CEO, System Fabric Works. "Together, SFW and ThinkParQ can deliver, worldwide, a highly converged, scalable computing solution based on BeeGFS, engineered with NetApp E-Series, a choice of InfiniBand, Omni-Path, RDMA over Ethernet and NVMe over Fabrics for targeted performance and 99.9999 reliability utilizing customer-chosen clustered servers and clients and SFW's services for architecture, integration, acceptance and on-going support services."

SFW's solutions can utilize each of these networking topologies for optimal BeeGFS performance and 99.9999 reliability as full turnkey deployments, adapted to utilize customer-chosen clustered servers and clients. SFW provides services for architecture, integration, acceptance and on-going support services.

BeeGFS delivered by ThinkParQ, is the leading parallel cluster file system designed specifically to deal with I/O intensive workloads in performance-critical environments. With a strong focus on performance and high flexibility, including converged environments where storage servers are also used for computing, BeeGFS help customers worldwide to increase their productivity by delivering results faster and by enabling analysis methods that were not possible without the specific advantages of BeeGFS.

Designed for very easy installation and management, BeeGFS transparently spreads user data across multiple servers. Therefore, the users can simply scale performance and capacity to the desired level by increasing the number of servers and disks in the system, seamlessly from small clusters up to enterprise-class systems with thousands of nodes. BeeGFS, which is available open source, is powering the storage of hundreds of scientific and industry customer-sites worldwide.

Sven Breuner, CEO of ThinkParQ, stated, "The long experience and solid track record of System Fabric Works in the field of enterprise storage makes us proud of this new partnership. Together, we can now deliver perfectly tailored solutions that meet and exceed customer expectations, no matter whether the customer needs a traditional spinning disk system for high capacity, an all-flash system for maximum performance or a cost-effective hybrid solution with pools of spinning disks and flash drives together in the same file system."

Due to its performance tuned design and various optimized features, BeeGFS is ideal for demanding, high-performance, high-throughput workloads found in Technical Computing for modeling and simulation, product engineering, life sciences, deep learning, predictive analytics, media, financial services, and many more business advantage tools.

With the new storage pools feature in BeeGFS v7, users can now have their current project pinned to the latest NetApp E-Series All Flash SSD pool to have the full performance of an all-flash system, while the rest of the data resides on spinning disks, where it also can be accessed directly – all within the same namespace and thus completely transparent for applications.

SFW BeeGFS solutions can be based on x86_64 and ARM64 ISAs, support multiple networks with dynamic failover and provide fault-tolerance with built-in replication, and come with additional file system integrity and storage reliability features. Another compelling part of the solution offerings is BeeOND (BeeGFS on demand) which allows on the fly creation of a temporary parallel file system instances on the internal SSDs of compute nodes a per-job basis for burst-buffering. Graphical monitoring and an additional command line interface provides easy management for any kind of environment.

SFW BeeGFS high performance storage solutions with architectural design, implementation and on-gong support services are immediately available from System Fabric Works.

About ThinkParQ

ThinkParQ was founded as a spin-off from the Fraunhofer Center for High Performance Computing by the key people behind BeeGFS to bring fast, robust, scalable storage to market. ThinkParQ is responsible for support, provides consulting, organizes and attends events, and works together with system integrators to create turn-key solutions. ThinkParQ and Fraunhofer internally cooperate closely to deliver high quality support services and to drive further development and optimization of BeeGFS for tomorrow's performance-critical systems. Visit www.thinkparq.com to learn more about the company.

About System Fabric Works

System Fabric Works ("SFW"), based in Austin, TX, specializes in delivering engineering, integration and strategic consulting services to organizations that seek to

implement high performance computing and storage systems, low latency fabrics and the necessary related software. Derived from its 15 years of experience, SFW also offers custom integration and deployment of commodity servers and storage systems at many levels of performance, scale and cost effectiveness that are not available from mainstream suppliers. SFW personnel are widely recognized experts in the fields of high performance computing, networking and storage systems particularly with respect to OpenFabrics Software, InfiniBand, Ethernet and energy saving, efficient computing technologies such as RDMA. Detailed information describing SFW's areas of expertise and corporate capabilities can be found at www.systemfabricworks.com.

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