Ace Computers Delivers Best Parallel File System for Supercomputers

Ace Computers and ThinkParQ BeeGFS have teamed to deliver a parallel file system solving storage access speed issues that slow down supercomputers.


Ace CEO John Samborski

CHICAGO, IL, UNITED STATES, August 30, 2017 /EINPresswire.com/ -- Ace Computers and BeeGFS have teamed to deliver a complete parallel file system solving storage access speed issues that slow down even the fastest supercomputers. BeeGFS eliminates the gap between compute speed and the limited speed of storage access for these clusters--stalling on disk access while reading input data or writing the intermediate or final simulation results.

Ace Computers CEO John Samborski said, “We are building clusters that are more and more powerful. So we recognized that storage access speed was becoming an issue. BeeGFS has proven to be an excellent, cost-effective solution for our clients and a valuable addition to our portfolio of partners.”

An Ace Computers computational physics client was one of the first to take advantage of the Ace/BeeGFS solution. The client said, “We are continually adding capacity to our Ace Computers servers and when we do, the BeeGFS solution scales seamlessly. Basically all you have to do is plug in more servers. It is 100% redundant. If there is a crash, everything just fails over. There is no downtime, which is why we are switching everything over to this.”

> “We are building clusters that are more and more powerful. BeeGFS has proven to be an excellent, cost-effective solution for commensurate storage access speed.”
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> *Ace Computers CEO John Samborski*

ThinkParQ’s BeeGFS enables storage clustering by transparently distributing data across an arbitrary number of storage servers. This delivers the aggregate throughput of all the servers in the system; resulting in high streaming throughput and high IOPS; and allowing parallel data access from all compute nodes at the same time.

BeeGFS has a number of instrumental features that make it ideal for demanding, high-performance, high-throughput workloads typically found in applications such as HPC, life sciences, deep learning, big data analytics and financial services.

“Leveraging our supercomputers with BeeGFS is a win for all sides, most especially our clients,” Samborski said.

Leading custom computer builder and HPC cluster specialist, Ace Computers currently holds the following contracts: SEWP V, CCS-2, GSA, WSIPC, PEPPM, State of Wis., State of Ga. The company is a Woman-Owned Small Business custom technology systems manufacturer and reseller for the public sector as well as the commercial sector. Channel partners include Intel, Supermicro, NVIDIA, Mellanox and Samsung among others. Ace Computers is an authorized Microsoft Surface Partner. An industry leader since 1983, the company is a 2016 HPCwire Readers’ Choice Award

finalist. In addition to some of the finest academic institutions in the U.S., long-term clients include the U.S. Department of Energy and the U.S. Department of Defense. In addition to its Greater Chicago headquarters, Ace Computers has locations in New Jersey, Pennsylvania, Virginia, and Nevada. To contact Ace Computers, call 1-877-223-2667 or 1-847-952-6900 or visit http://www.acecomputers.com/TopProducts.asp

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