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Mellanox, AMAX Information Technologies, STEC, Inc. and Zettaset Inc. Showcase High-Performance Hadoop Appliance

PHAT-DATA^{40G} delivers record high-performance and ease-of-use for Big Data users

LAS VEGAS--(BUSINESS WIRE)-- Mellanox® Technologies, Ltd. (NASDAQ: MLNX; TASE: MLNX), a leading supplier of high-performance, end-to-end interconnect solutions for data center servers and storage systems, today announced the joint demonstration of PHAT-DATA^{40G}, a high-performance Hadoop appliance over a Mellanox end-to-end 40GbE solution during Interop 2012 at Mellanox booth #839.

PHAT-DATA^{40G} is a consolidated solution that provides Hadoop users with best-in-class performance and ease-of-use. Mellanox's 40GbE solutions provide AMAX's Intel® Xeon® E5-2600 based servers and STEC's 960GB PCIe SSD with leading throughput and latency performance that minimizes response times and delivers the highest of IOPS performance over the lifetime of the device. Powered by Zettaset's installation and management tools, the PHAT-DATA^{40G} provides customers with a one-stop shop for a performance-leading Hadoop solution.

When compared with other Hadoop solutions, PHAT-DATA^{40G} delivers a minimum 20 percent performance enhancement, well above existing available solutions. Using Terasort, PHAT-DATA^{40G} is able to sort a 1TB dataset in less than 27 minutes using only 5 machines; 20 percent faster than previously possible. Customers can upload their datasets into PHAT-DATA^{40G} and immediately source business intelligence information from their data, saving time and money on lengthy experimental deployments.

"High-bandwidth and low-latency interconnects are critical hardware platform ingredients in order to provide industry-best performance capabilities to Hadoop based applications," said Gilad Shainer, vice president of market development at Mellanox Technologies. "We are delighted to collaborate with AMAX, STEC and Zettaset and bring Mellanox 40GbE performance benefits to the emerging Big Data market."

"PHAT-DATA^{40G} is a collaborative effort with industry technology leaders to build the highest-performing Hadoop solution running on optimized hardware, with ease of use and simplified deployment as a shared vision," said Jean Shih, President, AMAX. "Data is gold if it's organized and analyzed correctly, and in highly competitive markets, this translates into reaching more revenue faster and on a larger scale, yet with precise incision. PHAT-DATA^{40G} powers Hadoop with the most powerful and user-friendly engine on the market for this very goal, to give companies a real competitive edge quickly and dynamically using data-driven business intelligence."

"STEC's enterprise-class PCIe drive complements Mellanox's high-speed interconnect and AMAX's latest Intel server technology, resulting in leading-edge Hadoop scalability in less than 12U of rack space," said Keith Brown, STEC's Systems and Software Group Vice President of Product Marketing. "By working closely with our partners, we're able to showcase an accelerated Hadoop environment that is ideal for organizations that want to start using Hadoop to see how it can impact their business."

"PHAT-DATA^{40G} breaks through the hype surrounding Big Data and delivers a complete, enterprise grade Big Data Hadoop-in-a-box solution," said Jim Vogt, CEO of Zettaset. "Mellanox, AMAX and STEC listened to what their customers were asking for and built a comprehensive hardened product that takes the guesswork out of any enterprise level Hadoop deployment."

PHAT-DATA^{40G} is a complete Hadoop solution of computation, networking, disk drives and installation and management tools. PHAT-DATA^{40G} is distributed through AMAX Information Technologies. To learn more about PHAT-DATA^{40G}, please visit www.amax.com/phat-data40G.

Supporting Resources:

- Learn more about [Mellanox's complete 40GbE solution](#)

- Follow Mellanox on [Twitter](#) and [Facebook](#)

About AMAX

Founded in 1979, AMAX is a leading innovator of High Performance Computing (HPC) server, storage and cluster solutions, dynamic Enterprise IT and custom Appliance Manufacturing solutions. The company applies a unique combination of hardware and software engineering expertise with an open standards-based approach to dramatically increase performance and ROI for the most demanding applications. Global organizations, including some of the world's best-known brands, use AMAX offerings to solve complex computing challenges, meet product development demands, reduce energy consumption, and stay competitive. AMAX is proud to be ISO 9001 Certified and China Compulsory Certified. The company headquarters is in Fremont, CA with offices in Richardson, TX, and Suzhou and Shanghai, China. For more information on products and services, visit <http://www.amax.com>.

About STEC

STEC, Inc., The SSD Company™, is a leading global provider of enterprise-class solid-state drive (SSD) technologies and solutions tailored to meet the high-performance, high-reliability, and high-endurance needs of today's data-intensive server and storage platforms. With headquarters in Santa Ana, California and locations worldwide, STEC leverages almost two decades of solid-state knowledge and experience to design, manufacture and deliver the most comprehensive line of PCIe, SAS, SATA, and embedded SSDs on the market today. In addition, STEC's EnhanceIO™ SSD Cache Software enables IT managers to cost-effectively scale server application performance. For more information, please visit www.stec-inc.com.

About Mellanox

Mellanox Technologies (NASDAQ: MLNX, TASE: MLNX) is a leading supplier of end-to-end InfiniBand and Ethernet interconnect solutions and services for servers and storage. Mellanox interconnect solutions increase data center efficiency by providing the highest throughput and lowest latency, delivering data faster to applications and unlocking system performance capability. Mellanox offers a choice of fast interconnect products: adapters, switches, software and silicon that accelerate application runtime and maximize business results for a wide range of markets including high performance computing, enterprise data centers, Web 2.0, cloud, storage and financial services. More information is available at www.mellanox.com.

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