April 6, 2016

Supermicro® Presents its Total Solution for Lustre® on ZFS at Lustre User Group 2016

Supermicro Open Industry Standard Server/Storage Platforms with NVMe Options Increase Performance, Density and Reduce TCO for Software Defined Scalable Storage Deployments in HPC, Big Data and Life Sciences

PORTLAND, Ore., April 6, 2016 /PRNewswire/ -- **Super Micro Computer, Inc.** (NASDAQ: SMCI), a global leader in high-performance, high-efficiency server, storage technology and green computing debuts its Total Solution for Lustre® on ZFS leveraging Intel® Enterprise Edition for Lustre* this week at the Lustre User Group (LUG) conference. The fully integrated software-defined storage solution based on Supermicro® 4U 90x top-load 3.5" 8TB hot-swap storage JBOD, 2U SuperStorage servers with Simply Double extreme performance all-flash 48x NVMe options, and 1U Ultra SuperServer® accelerates deployment and scalability while lowering storage acquisition and operational costs. Supermicro's flexible Pod Cluster architecture maximizes performance, density, capacity and reliability in scalable configurations supporting up to 1.4PB raw in 12U with high throughput up to 7GB/s, 12Gb/s SAS3 and 56Gb/s FDR InfiniBand® interconnectivity. Enhanced with the latest security, performance and efficiency features of Lustre® and preconfigured with Intel® Manager for Lustre* software, Supermicro's Total Solution for Lustre on ZFS offer the most advanced software defined parallel file system available on the market.

"Supermicro is the leader in server and storage innovation and the building block architecture of our SuperServer and SuperStorage solutions brings that advantage to our Total Solution for Lustre on ZFS," said Tau Leng, VP of HPC, Supermicro. "With Supermicro's 90 top-load 3.5" hot-swap bay JBOD as the storage core of our Lustre Pod Cluster, we maximize performance, density and capacity and simplify serviceability for massive scale HA storage deployments. Combining our preconfigured, validated 2U SuperStorage OSS, 1U Ultra SuperServer with Intel Enterprise Edition for Lustre software, and global service and support, Supermicro has the Total Solution for Lustre ready for HPC, Genomics and Big Data."

"Lustre is the most widely used parallel file system optimized for HPC, enterprise and technical computing," said Brent Gorda, general manager of Intel HPC Storage. "Intel® Solutions for Lustre* enables a predictable Lustre release schedule for high-performance, high-bandwidth storage solutions that simplify deployment, workflows, management and scalability in addition to providing world-class technical support. The integration of Intel® Enterprise Edition for Lustre* software with the Supermicro SuperServer and SuperStorage clusters offer customers a trusted, robust and powerful software defined storage solution that can perform, scale and meet the demands of enterprises, commercial customers and traditional HPC technical computing environments."

Supermicro's Total Solution for Lustre® on ZFS - Complete hardware, software and services offering

  ∟ 6U Metadata and Management Server (MDS/MGS) Pod (SRS-MDSHWR-Lustre-01) - 3.2TB raw, 1.6TB usable. Single MDS Pod can support hundreds of OSS Pods and thousands of clients.
  ∟ 8U Object Storage Server (OSS 2x1) Pod (SRS-OSS190-Lustre-01) - 720TB raw, 576TB usable. Multiple Pods can be added to meet capacity requirements. Linear scaling of throughput and capacity
  ∟ 12U Object Storage Server (OSS 2x2) Pod (SRS-OSS290-Lustre-01) - 1.4PB raw, 1.1PB useable. Multiple Pods can be added to meet capacity requirements. Linear scaling of throughput and capacity. 2x storage capacity/OSS
  ∟ Management Server available in 1U Ultra SuperServer® configurations (SYS-6018U-TR4+, SYS-6018U-TR4T+, SYS-6018U-TRT+, SYS-6018U-TRTP+) with Intel® Management for Lustre* and Supermicro Server Manager (SSM)

Join Supermicro at Lustre User Group (LUG 2016) Convention in Portland, Oregon April 5th through the 7th at the Hilton, Portland.

For more information on Supermicro's Total Solution for Lustre® on ZFS, visit www.supermicro.com/Lustre.

For more information on Supermicro's complete range of high performance, high-efficiency Server, Storage and Networking solutions, visit www.supermicro.com.

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About Super Micro Computer, Inc.

Supermicro® (NASDAQ: SMCI), the leading innovator in high-performance, high-efficiency server technology is a premier provider of advanced server Building Block Solutions® for Data Center, Cloud Computing, Enterprise IT, Hadoop/Big Data, HPC and Embedded Systems worldwide. Supermicro is committed to protecting the environment through its "We Keep IT Green®" initiative and provides customers with the most energy-efficient, environmentally-friendly solutions available on the market.

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