SANBlaze Participates in the first End-to-End NVMe over Fibre Channel Evaluation Solution at Flash Memory Summit 2017

Tuesday, August 8, 2017. Littleton, MA — SANBlaze Technology is being featured at the Industry's first End-to-End NVMe over Fibre Channel Evaluation Solution at Flash Memory Summit 2017. This innovative solution will enable the acceleration of FC-NVMe evaluations with proven multi-vendor interoperability.

SANBlaze, Broadcom, Cavium, Cisco, NetApp, and Brocade are presenting the first ever demo of an NVMe over Fibre Channel end-to-end solution, comprised of Emulex Gen 6 Fibre Channel HBAs by Broadcom and a Gen 6 Fibre Channel switch by Brocade connected to an all-flash array by NetApp, with SANBlaze VirtuaLUN™ software providing emulation and validation.

The technical preview highlights the following features

•   NVMe over Fibre Channel on Linux and Windows

•   NVMe over Fibre Channel support by enterprise-class storage arrays

•   NVMe over Fibre Channel integration into SPDK (Storage Performance Developer's Kit)

This solution will demonstrate measurable improvements over FC-SCSI performance including faster IO times, higher IOPs, greater bandwidth, and better CPU efficiency.

"FC-NVMe provides an ideal opportunity to combine the low latency and high performance of the emerging NVMe storage technology with the reliable and secure Fibre Channel storage infrastructure. This solution addresses both the I/O and bandwidth-intensive workloads that are becoming the mainstay of the modern data center," said Vince Asbridge, President of SANBlaze Technology, Inc. "SANBlaze is pleased to work with the leading NVMe, Fibre Channel and network vendors to provide cross-vendor emulation and validation tools as the industry evaluates this game changing storage technology."

NVMe over Fabrics defines an efficient mechanism to utilize NVMe devices in large-scale shared storage deployments. It further provides investment protection by allowing the latest in innovations and advances in low latency SSD flash to be used over proven FC fabrics. This enables the NVMe storage devices to be shared, pooled, and managed more effectively.

The demonstration at the 2017 Flash Memory Summit is based on the specification of FC-NVMe as defined by the NVM Express, Inc. organization and the draft FC-NVMe standards under definition by T11. The integration of virtual NVMe targets into the SANBlaze VirtuaLUN platform will enable rapid prototyping, qualification and performance testing of large NVMe configurations with a minimal capital investment. SANBlaze is showing the fully functional end-to-end FC-NVMe demonstration in Booth #626. The FCIA booth # 828 will also feature this innovative evaluation solution.

Contact SANBlaze at info@sanblaze.com for more information.

About SANBlaze

SANBlaze Technology, Inc. is a pioneer in SAN Emulation and validation technologies and a leading provider of storage solutions for embedded systems. SANBlaze emulation and validation products provide storage engineers, test, QA and manufacturing teams with scalable, high performance and configurable emulated environments for FCoE, iSCSI, Fibre Channel, SAS NVMe and FC-NVMe targets and initiators. SANBlaze emulation systems are installed at most major storage hardware and software vendors worldwide.