SANBlaze and QLogic Demonstrate FC-NVMe at Flash Memory Summit 2016

LITTLETON, Mass. — SANBlaze, a leading innovator in storage emulation and QLogic® have come together to direct the development and expansion of the Non-Volatile Memory Express over Fibre Channel (FC-NVMe) ecosystem. The two companies will demonstrate live end-to-end FC-NVMe at Flash Memory Summit 2016 in Santa Clara, Calif. FC-NVMe extends the reach of NVMe flash drives over existing SAN fabric transport, providing a foundation for improved storage performance and enhanced use of existing SAN infrastructure.

NVMe provides a standards-based approach for PCIe® solid-state storage access that significantly improves performance by reducing latency and streamlining the command set, while providing support for security and end-to-end data protection.

NVMe over Fabrics defines an efficient mechanism to utilize NVMe devices in large-scale, shared storage deployments. It also 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 SANBlaze and QLogic relationship in the Fibre Channel space has allowed us to bring our NVMe expertise into the FC ecosystem. SANBlaze target emulation provides a means to test scalability of NVMe devices in an enterprise environment at a fraction of the cost of physical NVMe devices, allowing for large scale out NVMe testing at 32GFC line rate speeds," stated Vince Asbridge, president of SANBlaze Technology, Inc.

"QLogic is continuing its leadership position and commitment to NVMe over Fabrics by driving ecosystem development which is critical to the successful adoption of this exciting new technology. The relationship we have established with SANBlaze is important both in the context of end to end demonstrating FC-NVMe technology, and longer term enablement of testing and evaluation by end users and OEMs alike via the SANBlaze Storage Emulation tools." said Vikram Karvat, vice president of products marketing and planning, QLogic.

The Flash Memory Summit demonstration is based on the specification of NVMe over Fabrics as defined by the NVM Express, Inc. organization and the draft FC-NVMe standards under definition by T11. The fully functional FC-NVMe demonstration implements NVMe on standard QLogic 32Gb FC hardware and employs SANBlaze Target Emulation software with NVMe target device capabilities. The integration of virtual NVMe targets into the SANBlaze Emulation platform will enable rapid prototyping, qualification and performance testing of large NVMe configurations with a minimal capital investment. SANBlaze is showing a fully functional end-to-end FC-NVMe demonstration in Booth #848.

About SANBlaze

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