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HPE Chooses Mellanox Spectrum™ To Power StoreFabric M-series Switches

M-series Switches Enable Ethernet Networks Optimized for All Types and Tiers of Storage

SUNNYVALE, Calif. & YOKNEAM, Israel--(BUSINESS WIRE)-- Mellanox Technologies, Ltd. (NASDAQ: MLNX), a leading supplier of high-performance, end-to-end smart interconnect solutions for data center servers and storage systems, today announced the Mellanox Spectrum Ethernet Switch has been selected by HPE to power their StoreFabric M-series storage networking switches. The solution delivers the world's fastest and most efficient storage network for the enterprise and cloud.

The HPE StoreFabric M-series switches are specifically optimized for storage and bring unmatched performance and value. HPE's M-series product family offers a broad range of models with unique form factors and flexible port configurations. Combined with predictable performance, low latency and zero packet loss, HPE brings an entire family of storage optimized fabrics to market designed to meet the needs of the modern data center.

Spectrum is part of Mellanox's Ethernet Storage Fabric (ESF) solution, which combines container support for storage-aware software with low latency, zero packet loss hardware to form the ideal storage networking platform. ESF is the fastest and most efficient Ethernet storage network available, using Mellanox Spectrum switches and ConnectX adapters. It delivers performance, efficiency, and storage optimizations unequaled by any other Ethernet storage fabric. Switches and adapters are available in unique form factors ideal for building storage and hyperconverged infrastructure clusters, providing support for storage-specific monitoring, management, and automation via integration with storage arrays, storage management software, and other IT management tools.

"We're excited to announce this new family of Ethernet switches specifically optimized for storage," said Marty Lans, Senior Director and GM, Storage Engineering, Connectivity, and Global Interoperability at HPE. "The StoreFabric M-series switches leverage Mellanox switch technology to deliver the best possible Ethernet storage networking performance with HPE Storage and Big Data solutions. They also enhance the performance and manageability of block, file and object storage solutions — plus hyperconverged infrastructure — from HPE and HPE partners."

"Storage Area Networks have delivered on the availability and stability needed for the most demanding of workloads. There are no architectural limitations to Ethernet-based storage networks, which now surpass the price, performance, and flexibility of Fibre Channel offerings," said Stu Miniman, Senior Analyst at Wikibon. "Around 80 percent of the capacity and all the data growth are in non-block architectures, including file, object, cloud, big data, machine learning, and hyperconverged infrastructure. Mellanox's high performance Ethernet Storage Fabric solutions support block, file, and object storage, allowing customers to deploy a standards-based Ethernet network capable of handling compute and storage traffic, from the newest NVMe over Fabrics arrays, to iSCSI storage, and deep archives."

"The rise of a converged Ethernet Storage Fabric is inevitable, due to the tremendous growth in data and new information-driven workloads, and more simply because there is no Fibre Channel in the cloud," said Kevin Deierling, vice president of marketing, Mellanox Technologies. "Shipments of high-speed Ethernet ports continue to grow at a nearly 20 percent annually, while Fibre Channel ports decline year after year. Enterprises and storage vendors like HPE are embracing converged and hyperconverged Ethernet as a faster, more flexible, and more economical way to network storage. Our Ethernet Storage Fabric is optimized for efficient data access, delivers unmatched storage intelligence, and provides three times the performance at one third the price of Fibre Channel offerings."

"We are pleased to see HPE's new family of Ethernet switches hit the market," said Christopher Moon, CTO, Summit Partners. "This new solution for Ethernet-based storage networks combines the benefits of HPE and Mellanox, and will allow us to build a network capable of handling demanding compute and storage traffic for all types of storage architectures and protocols. We now have the best possible combination of price, performance and flexibility to network HPE Storage, hyperconverged, and Big Data solutions."

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About Mellanox

Mellanox Technologies (NASDAQ: MLNX) is a leading supplier of end-to-end InfiniBand and Ethernet smart 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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