![Mellanox Technologies logo]

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Mellanox to Showcase Cloud Infrastructure Efficiency With Production-Ready SONiC Over Spectrum Open Ethernet Switches

Enhanced Interoperability, High Availability and Operational Simplicity Demonstrated at Open Compute Project U.S. Summit 2017

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 that it will work with Microsoft to showcase the Open Networking solution with its flagship Open Compute Project (OCP) compatible Spectrum™ Ethernet Switches running production-ready networking operating system based on Microsoft's Software for Open Networking in the Cloud (SONiC) at 10, 25, 40, 50 and 100Gb/s speed. This combined solution demonstrates continued momentum behind the Open Ethernet initiative, as highlighted by interoperability, high availability, operational simplicity, and end-to-end efficient data movement based on Remote Direct Memory Access (RDMA) over Converged Ethernet (RoCE).

Mellanox has been an active contributor to OCP since the inception of the project, with key innovations in host networking solutions supporting the widest range of OCP server platforms, and open networking initiatives such as Microsoft's Switch Abstraction Interface (SAI) and SONiC. Through collaboration with Microsoft and other open networking equipment vendors, Mellanox has helped to enhance these open cloud networking software and API/SDK's, readying them for deployment in production networks.

In addition, Mellanox has worked with Microsoft to demonstrate the key role that high-performance networking plays in improving total cloud infrastructure efficiency. In a demo led by Mellanox and with participation from Microsoft, faster and higher efficiency data movement leveraging RoCE is shown to significantly enhance storage access and applications such as virtual machine Live Migration. The high throughput, low and consistent latency, and innovative congestion management implementation of Mellanox Spectrum Ethernet switch have made it the best choice for supporting highly-efficient RoCE-based deployments.

"Open Ethernet has been a Mellanox vision that is well-aligned with our hyperscale customers and partners, and we have invested significant resources to make it come to fruition," said Amir Prescher, senior vice president of business development and general manager of the interconnect business, Mellanox Technologies. "As a key switch platform interoperable with SONiC, the Mellanox Spectrum stands out due to its outstanding performance and predictability, and the higher total infrastructure efficiency it enables by having the best end-to-end support of RoCE."

"Through open collaboration with Mellanox and other contributors to the SONiC open source project, we've helped enhance the scale, stability and usability of this cloud networking software stack," said Yousef Khalidi, Corporate Vice President, Microsoft Corp. "We are pleased to see production deployment of a switch operating system based on SONiC powering Microsoft infrastructure and we look forward to a broader footprint of SONiC within Microsoft."

Supporting Resources:

- Learn more about: [Mellanox's Spectrum Ethernet Switch portfolio](#)
- Learn more about: [Mellanox Spectrum differentiation in providing Zero Packet Loss](#)
- Follow Mellanox on: [Twitter](#), [Facebook](#), [Google+](#), [LinkedIn](#), and [YouTube](#)
- [Join the Mellanox Community](#)

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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