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Mellanox Contributes the World's First Open Source Ethernet Switch MLAG Implementation

Mellanox Open Ethernet™ implementation adds Multi Chassis Ling Aggregation Group (MLAG) functionality to the growing Open Ethernet platforms and solutions

SUNNYVALE, Calif. & YOKNEAM, Israel--(BUSINESS WIRE)-- Mellanox® Technologies, Ltd. (NASDAQ:MLNX), a leading supplier of high-performance, end-to-end interconnect solutions for data center servers and storage systems, today announced that Ethernet Switch MLAG functionality is now available as open source as part of the community driven Open Ethernet program. MLAG provides the ability for a host to connect to two standalone switches with a pair of load balanced bonded interfaces. Now open and freely available, the MLAG functionality allows for faster failure recovery. The open source code is available at https://github.com/open-ethernet/mlag and can be installed and run on a Linux host.

Open Ethernet is the ability to choose the right switch solution without constraints, the ability to easily separate the hardware from the software and allow better control over network resources in order to get the best switch solution for the various, changing data center needs. The release of the MLAG code is an addition to other available open source routing protocols, and it enables further standardizations of data center switch solutions.

"Mellanox continues to drive the community effort to enable Open Ethernet switch solutions for cloud, web 2.0 and enterprise data centers," said Amit Katz, senior director of Ethernet switch product marketing at Mellanox Technologies. "The open source MLAG release allows companies to improve their switch software stack by offering their customers enhanced network resiliency and better utilization of their network."

Open Ethernet provides the end user with the ability to choose between hardware and software to use in their network without forcing a deadlock between the two, thus enabling the user to freely select the most adequate platform with the most suitable software and run it on the most efficient hardware.

Mellanox provides a true SDN solution by allowing the utilization of open source software and the ability to the user to further fine tune their switch software and to maximize application performance and increase the deployment's return on investment.

Adding to the open source community shortens the path of users towards utilizing the financial and managerial benefits of Open Ethernet-based networks.

Supporting Resources:

- Download MLAG open source code
- Learn more about Mellanox Ethernet switch solutions
- Learn more about Mellanox Open Ethernet
- Follow Mellanox on Twitter, Facebook, Google+, Linked-In, and YouTube
- Join the Mellanox Community

About Mellanox

Mellanox Technologies is a leading supplier of end-to-end InfiniBand and Ethernet 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, cables 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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