

**PRESS RELEASE**

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**Mellanox Delivers End-to-End Quality of Service for Unified InfiniBand Fabric Deployments in Data Centers**

*Service Levels Demanded by Storage, Networking and Server-to-Server Traffic Can Now be Delivered Using Flexible and Granular Quality of Service Features in OFED 1.3*

**STORAGE NETWORKING WORLD, ORLANDO, FL – April 7, 2008 –**

Mellanox® Technologies, Ltd. (NASDAQ: MLNX; TASE: MLNX), a leading supplier of semiconductor-based, server and storage interconnect products, today announced its support for OpenFabrics Enterprise Distribution (OFED) version 1.3, including support for enhanced quality of service (QoS) features over its InfiniBand adapter and switch silicon products, delivering cost-effective and low power unified I/O solutions for data center applications such as database servers, application servers, virtualized servers, Web 2.0 infrastructures, and high-performance compute clusters.

InfiniBand provides high bandwidth, reliable and low latency services suitable for all data center applications and traffic types. InfiniBand is the only available unified I/O option for servers when it comes to consolidating Fibre Channel SAN traffic over the same wire. As a result, InfiniBand is being increasingly deployed in Enterprise Data Center (EDC) environments where the cost and flexibility related benefits of grid, utility and virtualized computing are becoming important decision drivers for IT managers.

The OFED 1.3 QoS features enable data center managers to define and deploy QoS policies end-to-end on a per traffic type, using a centralized QoS manager. End-to-end means all network nodes including servers, switches and storage end-points are part of coherent QoS policies, delivering true QoS in a reliable, loss less medium. Centralized management helps ease of management and faster definition and deployment of QoS

policies that deliver immediate results. Value added functions can also be added above the centralized QoS manager available with OFED 1.3 (part of Open Subnet Manager).

“Availability of QoS features in OFED 1.3 enable granular classification of data center traffic types and application of service-driven policies for those traffic classes,” said Michael Kagan, vice president of architecture at Mellanox Technologies. “The result is a full and practical realization of a cost-effective service oriented networking infrastructure that spans the entire data center and applications.”

The OFED 1.3 QoS implementation is based on IBTA defined QoS extensions to the IBA specification ensuring vendor-wide interoperability. Similar to the IETF-defined DiffServ QoS specification, QoS features supported with OFED 1.3 includes granular traffic classification, traffic marking, and scalable and easy to deploy traffic shaping mechanisms that can be easily implemented through customization of sample QoS configuration files that are used by the centralized QoS manager. These features complement already available hardware-level features in Mellanox InfiniBand products - such as congestion control, loss less packet delivery and deterministic performance.

OFED version 1.3 is available now from the OpenFabrics Alliance ([www.openfabrics.org](http://www.openfabrics.org)) and is ready for use with currently shipping Mellanox ConnectX and InfiniHost III HCA products.

### **About Mellanox**

Mellanox Technologies is a leading supplier of semiconductor-based, high-performance, InfiniBand and Ethernet connectivity products that facilitate data transmission between servers, communications infrastructure equipment and storage systems. The company's products are an integral part of a total solution focused on computing, storage and communication applications used in enterprise data centers, high-performance computing and embedded systems.

Founded in 1999, Mellanox Technologies is headquartered in Santa Clara, California and Yokneam, Israel. For more information, visit Mellanox at [www.mellanox.com](http://www.mellanox.com).

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