

Mellanox Announces InfiniBand Enablement for VMware Environments

InfiniBand Delivers Leading Consolidated I/O Fabric for the 3 Million Virtualized Server Install Base in 2007; Expected to Grow to 15-20 Million by 2012

SANTA CLARA, CA. and YOKNEAM, ISRAEL – November 14, 2007 – Mellanox™ Technologies, Ltd. (NASDAQ: MLNX; TASE: MLNX), a leading supplier of semiconductor-based, server and storage interconnect products, today announced that later this year VMware is expected to provide enablement for Mellanox InfiniBand-based adapters in the newest release of VMware Infrastructure, which includes VMware ESX Server 3.5 and VMware VirtualCenter 2.5. The InfiniBand LAN networking and block storage drivers are based on the OpenFabrics Enterprise Distribution (OFED) version 1.2.5 and were developed by Mellanox, VMware and other participants of the VMware Community Source program. Mellanox's industry leading InfiniBand adapters seamlessly replace multiple fiber channel and Gigabit Ethernet adapters typically deployed in virtualized environments, which reduces data center power, cooling, capital expenditure and cost of ownership.

"As one of the first members to join and actively collaborate in the VMware Community Source program, Mellanox was a key player in enabling InfiniBand I/O technologies for VMware Infrastructure," said Brian Byun, vice president of global partners and solutions at VMware. "The enablement of InfiniBand-based adapters in VMware Infrastructure enables the entire InfiniBand ecosystem to leverage the market-leading VMware platform."

"Higher I/O bandwidth and I/O consolidation in VMware environments are critical needs, further exacerbated by deployment of multi-core CPUs and I/O real estate constraints driven by green data center initiatives," said Thad Omura, vice president of product marketing at Mellanox Technologies. "Mellanox is pleased to have worked with VMware to deliver a solution that marries the high price-performance capabilities on Mellanox I/O adapters to the robust, seamless and easy-to-use virtual infrastructure platform from VMware."

When InfiniBand I/O adapters are used with VMware ESX Server 3.5, a single adapter can replace multiple gigabit Ethernet NICs and Fibre Channel HBAs while maintaining or enhancing I/O throughput from virtual machines. For example, SAN throughput from a virtual machine can reach up to 1500 Megabytes per second (MB/s) or it can be shared linearly across multiple virtual machines, e.g., about 400 MB/s per virtual machine across four virtual machines on the same VMware ESX Server host. This is equivalent to using four 4 Gb/s Fibre Channel HBAs, one dedicated to each of the four virtual machines. This I/O consolidation and scale out, which results in significant cost and power savings, is achieved transparently as operating systems and applications running in the virtual machines continue to run over traditional virtual NIC and HBA interfaces available in VMware virtual machines. Network and storage I/O provisioning for virtual machines and features like VMware VMotion are also configured transparently using VMware VirtualCenter 2.5, which exposes only the familiar virtual NIC and virtual HBA interfaces available over the unified InfiniBand I/O adapter. Similarly, features such as high availability and migration of virtual machines are preserved as if they were operating on Ethernet NICs and Fibre Channel HBAs.

Because the InfiniBand drivers for VMware Infrastructure are based on OFED 1.2.5, the entire ecosystem of InfiniBand infrastructure suppliers who support OFED will be interoperable.

Solution Availability

The new release of VMware Infrastructure is expected to be generally available later in 2007. The software drivers for Mellanox InfiniBand-based adapters for VMware Infrastructure will be generally available during the same time from Mellanox. It is expected that InfiniBand-based solutions will become available from some of Mellanox's partner OEMs as well.

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.

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Safe Harbor Statement under the Private Securities Litigation Reform Act of 1995:

All statements included or incorporated by reference in this release, other than statements or characterizations of historical fact, are forward-looking statements. These forward-looking statements are based on our current expectations, estimates and projections about our industry and business, management's beliefs and certain assumptions made by us, all of which are subject to change.

Forward-looking statements can often be identified by words such as "anticipates," "expects," "intends," "plans," "predicts," "believes," "seeks," "estimates," "may," "will," "should," "would," "could," "potential," "continue," "ongoing," similar expressions and variations or negatives of these words. These forward-looking statements are not guarantees of future results and are subject to risks, uncertainties and assumptions that could cause our actual results to differ materially and adversely from those expressed in any forward-looking statement.

The risks and uncertainties that could cause our results to differ materially from those expressed or implied by such forward-looking statements include the continued growth in the virtualized server install base, the continued, increased demand for industry standards-based technology, our ability to complete related software driver development, the availability of products announced herein from OEMs, our ability to react to trends and challenges in our business and the markets in which we operate; our ability to anticipate market needs or develop new or enhanced products to meet those needs; the adoption rate of our products; our ability to establish and maintain successful relationships with our distributors; our ability to compete in our industry; fluctuations in demand, sales cycles and prices for our products and services; our ability to protect our intellectual property rights; general political, economic and market conditions and events; and other risks and uncertainties described more fully in our documents filed with or furnished to the Securities and Exchange Commission.

More information about the risks, uncertainties and assumptions that may impact our business are set forth in our Form 10-Q filed with the SEC on August 8, 2007, and our Form 10-K filed with the SEC on March 26, 2007, including "Risk Factors". All forward-looking statements in this press release are based on information available to us as of the date hereof, and we assume no obligation to update these forward-looking statements.

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