Mellanox Technologies Advances Open Source InfiniBand Software

Adoption of Common API Standardizes the Linux Software Suite for InfiniBand Platforms

SANTA CLARA, CALIFORNIA and YOKNEAM, ISRAEL, September 04, 2002 - Mellanox™ Technologies, Ltd. today announced it will join Intel in working to advance industry standard, hardware-independent, open source InfiniBand software interfaces. Mellanox is supporting the InfiniBand verbs, Access Layer APIs and upper level protocols being developed in the Source-Forge open source environment. Mellanox will provide device drivers for the InfiniHost™ Host Channel Adapters into the Source Forge forum and will continue to provide driver updates and other software solutions as they become available. These efforts by Mellanox complement Intel's continued InfiniBand platform development efforts. The availability of a full suite of common industry standard interfaces and protocols accelerates the widespread adoption of InfiniBand in the data center and allows InfiniBand software to become a part of standard enterprise Linux distributions.

"Providing a rich set of software protocols is a key component of accelerating the adoption of InfiniBand in the data center," said Michael Kagan, vice president of architecture for Mellanox Technologies, Ltd. "Mellanox is committed to ensuring the broadest software support for our InfiniBand host and target channel adapters and switches across a range of operating system environments."

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The SourceForge open source InfiniBand software project provides a forum for collaborative development of hardware independent, low level access layer interfaces, as well as, industry standards upper level protocols. Upper level protocols support includes industry standard solutions for Open SM subnet management, IPoverIB, Sockets Direct Protocol (SDP), and SCSI RDMA Protocol (SRP). These software solutions provide greatly enhanced performance for clustering, storage, and communication applications while simultaneously providing seamless integration into existing IP based data center environments.

"The Source Forge effort is well underway in delivering InfiniBand software stack support for Linux," said Jim Pappas, director of initiative marketing for Intel's Enterprise Platform Group. "Accelerating software support for the Mellanox InfiniHost HCA is one key element to enable InfiniBand fabric connectivity to Intel architecture server platforms."

The InfiniBand Architecture is the only 10Gb/sec ultra low latency clustering, communication and storage interconnect in the market today. Based on an industry standard with reliability, availability, serviceability and manageability features designed in from the ground up, InfiniBand provides the most robust data center interconnect solution available. These attributes greatly improve TCO for the data center. Low cost InfiniBand silicon is shipping today that supports 10Gb/sec RDMA transfers and with its approved specification for 30Gb/sec, InfiniBand is at least a generation ahead of competing fabric technologies today and for the foreseeable future.

About Mellanox Technologies

Mellanox is the leading supplier of InfiniBand semiconductors, providing switches, Host Channel Adapters, and Target Channel Adapters to the server, communications and data storage markets. In January 2001, Mellanox Technologies delivered the InfiniBridge 10Gb/sec InfiniBand device to market, and is now shipping second-generation InfiniScale and InfiniHost silicon. The company has raised more than $89 million to date and has strong corporate and venture backing from Bessemer Venture Partners, Dell Computer, Intel Capital, Raza Venture Management, Sequoia Capital, Sun Microsystems, US Venture Partners, Vitesse and others. Mellanox has been recognized with awards in 2001 and 2002 from Computerworld, Network Computing, Red Herring, and Upside magazines as a key emerging technology company. The company's business operations, sales, marketing and customer support are headquartered in Santa Clara, CA; with the

design, engineering, software, system validation, and quality and reliability operations based in Israel.

For more information on Mellanox, visit www.mellanox.com.

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