Mellanox Demonstrates First Ever InfiniBand Server Blade MPI Cluster

Industry Standard Clustering over InfiniBand Technology Greatly Accelerates Computationally Intensive Tasks

SAN JOSE, CA AND YOKNEAM, ISRAEL, February 25, 2002 - Mellanox Technologies, Ltd., the leading supplier of InfiniBand^{SM} semiconductors, announced today the first ever demonstration of InfiniBand^{SM} server blades running Message Passing Interface (MPI) clustering software. The combination of industry standard clustering software and InfiniBand server blades delivers high performance computing that lowers cost, improves availability and provides easy expansion capabilities. InfiniBand and MPI technologies enable many individual server blades to behave like a single, high performance computer to tackle compute intensive financial, scientific and engineering tasks for a fraction of the cost of traditional high end servers.

The clustering demonstration is based on Mellanox's Nitro InfiniBand blade reference platform, which integrates dual InfiniBand switches, and up to 16 industry standard architecture server blades in a single 4U chassis. As a real world example, the MPI clustering software running on the Nitro platform is used to greatly accelerate compute intensive graphics rendering tasks. The combination of the InfiniBand architecture and MPI software allows for the clustering of up to thousands of nodes at 10 Gb/s that will enable high performance computing (normally reserved for high-end scientific and financial modeling) to become accessible for general business computing applications.

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Mellanox Technologies Inc

"This is an ideal combination of two complementary technologies," said Michael Kagan, vice president of Architecture, Mellanox Technologies. "MPI supports a wide range of clustering applications that capitalize on InfiniBand's low latency, high throughput and fault tolerant connections. As the *de facto* standard for clustering, MPI software combined with Mellanox's Nitro server blade reference design is the ideal platform to highlight the benefits of InfiniBand technology."

InfiniBand Clustering Demonstration

The demonstration of Mellanox's Nitro InfiniBand server blade MPI clustering can be seen February 26-27 at Mellanox's booth 720 at the Intel Developer Forum at the Moscone Center in San Francisco.

About Mellanox

Mellanox is the leading supplier of InfiniBand semiconductors, providing switches and channel adapters to the server, communications and data storage markets. In January 2001, Mellanox Technologies delivered the InfiniBridge MT21108, the first 1X/4X InfiniBand device to market, and is now shipping second-generation InfiniScale 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 currently has more than 200 employees in multiple sites worldwide. The company's business operations are headquartered in Santa Clara, CA; with the design, engineering, software, system validation, and quality operations based in Israel. For more information on Mellanox, visit www.mellanox.com.

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