



Mellanox Partners with IBM to Power Enterprise Applications on InfiniBand IT Environment at LinuxWorld

LinuxWorld Showcases IBM DB2 for Linux Clustering Solution based on 10Gb/sec InfiniBand Solutions - Delivering Lower Cost and Higher Performance

SANTA CLARA, CALIFORNIA, and YOKNEAM, ISRAEL - 21 Jan 2003 - Mellanox™ Technologies, Ltd., the leader in InfiniBand™ silicon, today announced e-Business enterprise applications running on a cluster of InfiniBand-enabled IBM xSeries™ servers running IBM DB2 Universal Database™, and other mid-tier application software at LinuxWorld 2003, in New York City. The DB2 for Linux Clustering solution being demonstrated features four enterprise applications – SAP® R/3, mySAP™ CRM, mySAP Business Intelligence and IBM WebSphere® Application Server – running on IBM's DB2 Universal Database. The platform is based on a 40-node cluster of IBM eServer xSeries servers running SuSE Linux Enterprise Server operating system and supporting a native InfiniBand NAS storage solution.

"IBM is committed to support the efforts of its Linux partners to enhance the scalability and reliability of Linux for the enterprise," said Lauren Flaherty, vice president of marketing, IBM Data Management Solutions. "The combination DB2 for Linux and Mellanox devices enables customers to deploy a powerful, high performance data center solution that generates a quick return on investment and lowers the total of cost of computing."

The DB2 for Linux Clustering solution features breakthrough performance of Mellanox's Infini-Host™ and InfiniScale™ devices. These InfiniBand solutions deliver up to eight times the bandwidth of gigabit Ethernet and up to three times the bandwidth of existing proprietary server interconnect technologies. InfiniBand technology enables the combination of bandwidth, latency,

and performance capabilities demanded by enterprise applications while using industry standard architecture systems. These capabilities are enabling IT managers to deploy low cost high performance InfiniBand clusters in enterprise data centers.

By utilizing SDP (sockets direct protocol), from Voltaire, enterprise applications can run without software modifications. Therefore InfiniBand technology can be introduced seamlessly into data centers, providing a significant performance boost, with no disruption to existing infrastructure and software. Voltaire is also providing InfiniBand switch routers that serve as the infrastructure for the clusters and provide high performance connectivity to the TCP/IP world. In addition, storage performance is enhanced by running NFS (network file system) over InfiniBand links. This allows a standard storage RAID system to be upgraded with an InfiniBand PCI-X card that delivers performance approaching 7 Gb/sec of data bandwidth.

"Voltaire is glad to provide a complete suite of InfiniBand solutions for DB2 for Linux Clustering solutions," said Ronnie Kenneth, CEO Voltaire Communications. "We are proud to be the first to provide robust and high performance InfiniBand infrastructure including switch routers and host software, that takes DB2 clusters to new heights."

At Linux World

LinuxWorld Conference and Expo, January 21-24 at the Jacob K. Javits Convention Center, New York, NY; IBM booth #431.

About InfiniBand

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 or HPC 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

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 visit Mellanox website at www.mellanox.com

For more information contact:

Media Contact
media@mellanox.com

Mellanox Business Contact:
Dana Krelle
Vice President Marketing
Mellanox Technologies, Inc.
408-970-3400
dana@mellanox.com

*Mellanox, InfiniBridge, InfiniHost and InfiniScale are registered trademarks of Mellanox Technologies, Inc.

*InfiniBand (TM/SM) is a trademark and service mark of the InfiniBand Trade Association. All other trademarks are claimed by their respective owners.