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IUCC Advances Academic Cloud Infrastructure with Mellanox InfiniBand Network Components

Tel Aviv, September 2, 2015 – The Inter-University Computation Center (IUCC), Israel's National Research and Education Network (NREN) and provider of communication infrastructures, digital and research technologies, cloud and grid computing to academia, announced that it is in the process of building a cloud environment for academic research in Israel. The cloud is based on a is donation from Mellanox Technologies , which provided the essential InfiniBand network. The InfiniBand components will be installed on the servers contributed by Intel (Israel). IUCC is currently working on developing clusters that will be deployed for a wide variety of implementations, such as code optimization; cloud training, testing, high security storage, emergency backup and disaster recovery platforms.

According to Prof. Shlomi Dolev, Chairman of the IUCC Executive Committee, this infrastructure is an important catalyst for Israeli researchers. "Cloud computing opens new opportunities to build virtual research environments, to flexibly scale up activities and to utilize inherently limited funding resources. With the Mellanox InfiniBand components, we will be able to advance the connectivity aspect of our Infrastructure as a Service offering. Mellanox technology can also connect the servers with its state of the art Ethernet/InfiniBand technologies."

l-r: Asher Rotkop, IUCC Director General; Yael Birk, Director of Sales EMEA, Mellanox Technologies; Prof. Shlomi Dolev, IUCC Chairman

In addition to serving local researchers for a wide range of needs, the IUCC dedicated cloud infrastructure allows Israel to participate and contribute to distributed environments being formed by partners in European Union Horizon 2020 and LinkSCEEM infrastructure projects. This strengthens Israel's position as a leading technology partner, and expands available access to vital infrastructure for Israeli researchers.

"The cloud infrastructure being developed by IUCC is an important building block for a strong academic research foundation," says Gilad Shainer, vice president of marketing, Mellanox. "We are proud to have our InfiniBand components be a part of keeping Israeli research at the forefront of innovation."

For more information about IUCC's grid and cloud computing offerings, please visit www.iucc.ac.il

About IUCC

IUCC, the Israel Inter-University Computation Center, implements, operates and maintains the national research and education network (NREN) of Israel. IUCC was established in 1984 by Israel's eight universities. IUCC manages the National Research and Education Network (ILAN) and provides a wide range of digital technology and research services, national grid and national and international communication infrastructures for Israel's academic and commercial R&D communities. For more information about IUCC, please visit www.iucc.ac.il

About Mellanox Technologies

Mellanox Technologies (NASDAQ: MLNX) is a leading supplier of end-to-end InfiniBand and Ethernet interconnect solutions and services for servers and storage. Mellanox interconnect solutions increase data center efficiency by providing the highest throughput and lowest latency, delivering data faster to applications and unlocking system performance capability. Mellanox offers a choice of fast interconnect products: adapters, switches, software and silicon that accelerate application runtime and maximize business results for a wide range of markets including high performance computing, enterprise data centers, Web 2.0, cloud, storage and financial services. More information is available at www.mellanox.com.

Founded in 1999, Mellanox Technologies is headquartered in Sunnyvale, California and Yokneam, Israel.