Application Level DAPL Testing is Focus of DAT Collaborative Latest Successful Interoperability Workshop

SANTA CLARA, Calif. – May 17 (SEND2PRESS NEWSWIRE) – The DAT Collaborative held its second successful DAPL Plug Fest in March 2005. The DAT Collaborative is on course to enable applications to take advantage of RDMA by delivering a universal set of APIs supporting RDMA capable devices.

Substantial progress has been made since the first DAPL Plug Fest in October 2003. For the first time there were participants from both the InfiniBand and iWARP over Ethernet vendors. Two separate physical interconnect/interoperability islands were setup with both islands executing the same binary interoperability tests. Both kernel-mode DAPL

(kDAPL) and user- mode DAPL (uDAPL) tests were conducted successfully. These included DAT tests 1-6 (both kDAPL and uDAPL versions), as well as a suite of uDAPL tests provided by Oracle.

The DAPL Plugfest took place in Santa Clara and was hosted by Mellanox Technologies. The participants included Ammasso, Mellanox, NetEffect, Network Appliance, Oracle, Siliquent, SUN Microsystems and Voltaire.

"Sun's recently released Solaris 10 Operating System includes a powerful and reliable implementation of uDAPL," said Carl Hensler, Distinguished Engineer, Sun Microsystems. "The DAPL Plugfest generated interoperability data that is of great value to all providers and consumers of the DAPL API."

"The demonstration of DAPL interoperability on both InfiniBand and iWARP is a huge step in the continuing advancement of RDMA and DAPL," says David Ford, Director of Engineering at Network Appliance. "The results of the latest DAPL plugfest validate that DAPL achieves transport independence without sacrificing the performance of InfiniBand or iWARP."

"Standard RDMA-capable interconnects will enable improvements in the performance, scalability and reliability of data centers. The standard APIs that are supported by all RDMA transports on multiple platforms are required before these RDMA networks can be effectively incorporated into our products," said Juan Loaiza, Vice President, Systems Technologies Group, Oracle.

About DAT Collaborative

The DAT Collaborative defines both kernel-level and user-level APIs to facilitate development of applications and protocols that take advantage of the RDMA technologies. The DAT Collaborative defines an OS independent and transport independent user and kernel level APIs for RDM.

More information: www.datcollaborative.org

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