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## Demartek News

### [Demartek Publishes LSI Nytro XD Caching Solution Evaluation](#)

Enterprise-level flash technology is transforming the computing environment and is bringing high performance storage to the datacenter infrastructure. LSI commissioned



Demartek to evaluate its Nytro XD Application Acceleration Solution, a product that caches storage area network (SAN) or direct attached storage (DAS) storage on server-side Nytro WarpDrive PCI Express-connected flash card. To get the full report as well as a video highlighting the results, click [here](#).

### [Demartek Publishes Brocade 6510 Latency Evaluation](#)

Fibre Channel switches are purpose-built for storage networks while general purpose switches, such as the Cisco Nexus 5500 Series, offer enhanced flexibility and consolidation through multi-protocol switching technology. Brocade appointed Demartek to evaluate many aspects of their 16Gbps Fibre Channel 6510 Switch including performance, functionality, and latency. To view the full report as well as an evaluation video, click [here](#).

### [Demartek Comments on IDF 2012 and NVMe](#)

I spent part of this week at the Intel Developer Forum (IDF) 2012 in San Francisco, primarily to learn more about NVM Express (NVMe) and see the prototype solutions on display. I spent time with representatives from several companies and discussed some of the technical details with a few of the architects.

NVM Express is a scalable host controller interface designed for enterprise and client systems that use PCI Express SSDs. NVMe was developed by an industry consortium of more than 80 member companies and is

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directed by a 13-company promoter group that includes Cisco, Dell, EMC, IDT, Intel, LSI, Marvell, Micron, NetApp, Oracle, Samsung, SanDisk and STEC.

The basic idea is to streamline storage access to SSDs (NAND flash and future technologies) that are connected directly to the PCIe bus. NVMe is compatible with the SCSI command set, but is designed with support for many, deep queues specifically for memory-type devices that are used for current and future SSDs.

[Read](#) the full article for all of my comments on NVMe.

### [Demartek Adds SSD Deployment Guide 2012-Q2 Highlight Video](#)

The SSD Deployment Guide was published earlier this Spring and we received a surprising amount of feedback from our readers. This deployment guide (the second of it's kind) covers NAND flash characteristics, including SLC, MLC, endurance and performance. In addition to our webpage and report discussing all the details we have recently added a video that highlights key points from the report. We invite you to take a look at this video, and the report if you haven't already, by clicking [here](#).

## Upcoming Speaking Engagements

### [Demartek Presents Two Sessions at the Storage Decisions New York Fall 2012](#)

Demartek Events

We hope you can make it out to New York this year for the Fall 2012 Storage Decisions Conference. Dennis Martin will present two speaking sessions this year as well as attending the "Ask the Experts Zone" to help answer any additional questions you may have. Session dates include:

Sept. 24: [Innovations in Storage Networking: Next-Gen Storage Networks for Next-Gen Data Centers](#)

Sept. 25: [Where \(and How and Why\) to Implement Solid State Storage](#)

Sept. 25: [Ask The Experts Zone](#)

### [Demartek Participates in Tweet Chat for Upcoming Storage Decisions New York](#)

In preparation for the Storage Decisions New York conference, Dennis Martin will participate in a Tweet Chat on Friday, September 14 to answer questions about SSDs and next generation storage networks.

We hope you participate and submit your questions live by joining the Chat Room at <http://tweetchat.com/room/SDNY2012> on Twitter on **Friday, September 14, at 11:00 AM Eastern time** and the hash tag is [#SDNY2012](#).

### [Demartek to Present at Storage Networking USA - Fall 2012](#)

I/O virtualization is emerging as a great way to virtualize your underused adapter

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across your server infrastructure. In this session, we will define I/O virtualization and how it complements server virtualization as well as discussing how I/O virtualization compares to technologies such as Fibre Channel NPIV, DCB and FCoE.

- Date: October 16, 2012
- Location: Santa Clara, CA

### **Demartek Presents Solid State Storage Half-day Seminars**

In a relatively short time, solid-state storage has become a viable alternative for enterprise storage applications. It offers far superior performance over magnetic media while using much less power and creating little heat. Solid-state storage is, however, still considerably more expensive than spinning disk, so a cost-effective approach to implementation is required. In this free, multi-city, half-day seminar, Dennis Martin, President of Demartek, will cover the key solid-state technologies and the specs that users need to know, along with the various implementation alternatives.

Remaining Cities and Dates for these 2012 Half-day Seminars are:

- Tue. Oct. 23 - Washington, DC
- Thurs. Oct. 25 - Cleveland, OH
- Thurs. Nov. 1 - St. Louis, MO

[Click Here](#) to get the complete agenda and registration information for these free half-day TechTarget Solid State Storage Seminars. Stay up to date with the latest [Demartek Twitter news](#) for this seminar by following [#SSDseminar](#).

### **Top Ten Demartek Pages and Reports**

We have a feature on our website that lists the top ten most popular pages and reports for the last four weeks, updating every Monday morning. Here's how it looked on September 10th:



1. [Demartek Presents Robocopy at March 2011 RMWTUG Meeting](#)
2. [Demartek Evaluation of Cisco Multi-protocol and Multi-topology Latency and Connectivity](#)
3. [Demartek Publishes Exchange Server 2003 vs 2007 vs 2010 I/O Comparison Summary](#)
4. [Demartek Storage Networking Interface Comparison](#)
5. [Demartek SSD Deployment Guide](#)
6. [Demartek Low Latency Evaluation of Fibre Channel, iSCSI and SAS Host Interfaces](#)
7. [Demartek Shares Compression Results](#)
8. [Demartek SSD Zone](#)
9. [Demartek Presents Analyst Perspective: SSD Caching vs. SSD Tiering](#)
10. [Demartek Brocade 6510 Latency Evaluation](#)

Be sure to check back every Monday to see which reports have made the Top Ten List.

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### A Word from the President



Autumn is shaping up to be a busy season for us. I'm taking a few days out of the office for a vacation soon, but our team in the lab will be busy keeping things humming. The lab is cranking up with activity and I'll be out and about speaking on SSDs, next generation storage networking and more over the next few weeks. I hope to see you at some of the upcoming events.

Dennis Martin, President, Demartek

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