

Demartek Lab Notes

Real-world, Hands-on Research & Analysis

March 2014



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[Demartek Evaluation of HP Blade Server and HP MSA 16GFC Storage](#)

Increases in virtual machine density, increasing demands for application performance and continual data growth are all reasons why the computing industry is experiencing an increasing demand for storage performance and bandwidth. Demartek recently deployed a complete end-to-end 16GFC solution provided by HP and ran a read-intensive data warehouse workload to determine whether this type of workload could take advantage of the HP's new technology. [Read the full report.](#)



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[Demartek Evalutes LSI Dell MegaRAID](#)

High availability (HA) configurations are becoming increasingly important, and Dell and LSI are recommending an HA baseline configuration using dual RAID controllers on a split, mirrored backplane. LSI and Dell commissioned Demartek to test Dell's new controllers and server in it's on-site test lab to validate performance parameters with two real-world workloads. Get the full report [here](#).

Demartek Speaking Events

[Demartek Discusses Next Generation Data Centers at the IT Roadmap Conference Chicago in March](#)

Dennis Martin, Demartek President, will discuss storage networking for next generation data centers at the upcoming Roadmaps Conference in Chicago. These sessions include:

- March 18, 10:10am-10:40am: [From the Lab to You: Storage Technologies of the Future](#)
- March 18, 10:50am-12:00pm: Dennis Martin will act as Moderator for the two sessions immediately following his session.

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To get all the info and to register for this event, visit the [IT Roadmap Conference & Expo](#) site.

[Demartek Presents at Data Storage Innovation Conference April 2014](#)

This event is owned and produced by the Storage Networking Industry Association (SNIA), and the April 2014 event is the inaugural conference. It is designed for IT decision-makers, technology implementors, and those expected to influence, implement and support data storage innovation as actual production solutions. Dennis Martin will be presenting two sessions:

- Storage Systems Can Now Get ENERGY STAR Labels and Why You Should Care
- Next Generation Storage Networking for Next Generation Data Centers

To get the complete agenda and registration information for the DSI Conference this April [visit their site](#).

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 March 10th:



1. [Demartek Storage Networking Interface Comparison](#)
2. [Demartek SSD Deployment Guide](#)
3. [Demartek Presents Robocopy at March 2011 RMWTUG Meeting](#)
4. [Demartek News and Reports](#)
5. [Demartek iSCSI Deployment Guide](#)
6. [Demartek Publishes Exchange Server 2003 vs 2007 vs 2010 I/O Comparison Summary](#)
7. [Demartek Lab Validation Testing](#)
8. [About Demartek](#)
9. [Demartek SSD Zone](#)
10. [Demartek Evaluation of NetApp Flash Accel and Flash Cache Technology](#)

Be sure to check back every Monday to see which reports have made the Top Ten List. The [current top ten list](#) can also be viewed on the Demartek website.

Word from the President

If you haven't seen our website [home page](#) recently, I would encourage you to take a look. We've spent some time improving the look of our front page, highlighting some of our recent activity.

As Spring arrives (in the northern hemisphere), we can expect two things, warmer weather and conferences to attend. Although we're quite busy in the lab, conference season is getting underway and I look forward to sharing some of our lab results and discussing technologies that you can expect to see come to market this year. I look forward to seeing many of you at the upcoming events!



Dennis Martin, President, Demartek

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