

Demartek Lab Notes

Real-world, Hands-on Research & Analysis

May 2014



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Demartek News

[Demartek Evaluation of NetApp Hybrid Array with Flash Pool Technology](#)

As flash storage options proliferate and become accepted in the enterprise, IT professionals must analyze various types of flash storage solutions in order to determine the best fit for many of their applications. NetApp addresses these challenges with their Hybrid Array - Flash Pool technology and recently commissioned Demartek to evaluate its effectiveness. Get the full report [here](#).



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[Demartek Evaluation of Dell PowerEdge VRTX Shared PERC8 in Failover Scenario](#)

Dell recently introduced its PowerEdge VRTX integrated IT solution for remote-office and small-office environments. With this new technology, Dell brings enterprise class high availability shared storage in a low-cost platform that does not require an external storage network, which could be cost prohibitive for these environments. [Read the full report](#) to get all the information and Demartek's key findings.

[Evaluation of Database Acceleration with HP's 3PAR StoreServ 7450 All-flash Storage](#)

Demartek recently ran database workloads on HP's 3PAR StoreServ 7450 All-flash Storage. Not only did the StoreServ 7450 show excellent low latency and fast performance for a typical OLTP database workload, we also found that the StoreServ 7450 was not very heavily taxed with a single OLTP database accessing the array. To read more about HP's new all-flash array [click here](#).

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Demartek Speaking Events

[Demartek Speaking at IT Roadmap Conference in Denver - June 2014](#)

IT Roadmap 2014 in Denver is your opportunity to explore the technologies, trends and solutions that are shaping the next generation enterprise. Energize your IT strategy - in one day and one convenient place. Dennis Martin will be presenting at one session and moderating two sessions:

- June 17, 10:10am: [From the Lab to You: Storage Technologies of the Future](#)
- June 17, 12:00pm: Dennis Martin will moderate for the two sessions immediately following his session.

To get the complete agenda and registration information for the IT Roadmap Conference this June [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 May 19th:



1. [Demartek Storage Networking Interface Comparison](#)
2. [Demartek Presents Robocopy at March 2011 RMWTUG Meeting](#)
3. [Demartek iSCSI Deployment Guide](#)
4. [Demartek STEC s1120 PCIe Accelerator and EnhanceIO SSD Cache Software Evaluation](#)
5. [Demartek News & Reports](#)
6. [Demartek Publishes Microsoft iSCSI Storage Deployment White Paper](#)
7. [Demartek Low Latency Evaluation of Fibre Channel, iSCSI and SAS Host Interfaces](#)
8. [Demartek SSD Deployment Guide](#)
9. [Demartek Evaluation of NetApp EF540 All-Flash Array and the SANtricity SSD Cache Technology](#)
10. [Demartek Evaluation of Cisco Multi-protocol and Multi-topology Latency and Connectivity](#)

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.

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Word from the President

As you can see, we've been busy with a variety of validation tests that look into several interesting technologies. We have also added our own new equipment to our lab, broadening our capabilities to run a wider selection of tests in our lab.

If you plan to be in Colorado, we invite you to drop by and visit us!

Dennis Martin, President, Demartek



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