

Demartek Lab Notes

Real-world, Hands-on Research & Analysis

July 2015



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[Demartek Evaluation of Emulex LPe16002B in Bootstorm Environment](#)

In a virtual desktop infrastructure environment, the act of booting each of the virtual machines frequently has the largest impact on the underlying server, networking and storage resources. Recently, Emulex commissioned Demartek to evaluate the performance of the Emulex LightPulse LPe16002B 16GFC HBA in a VMware VDI bootstorm environment. Be sure to read the report and get all the details.



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[Demartek Evaluation of HP ProLiant Gen8 vs Gen9 Server Blades](#)

When IT managers consider upgrading older generation HP hardware or purchasing new hardware to help manage the increased demands of the datacenters, they want to know that the next generation offers solid, measurable performance to drive business environments. Case in point, the new HP Gen9 Blade Servers. To get the full comparison between this new generation and the older Gen8 servers, read the full report.

[Demartek Updates Popular Storage Networking Interface Guide](#)

To help keep you up-to-date on storage networking interfaces, we recently made some updates to our informative interface comparison guide. This ongoing project is your go-to reference for everything from Fibre Channel to 25Gb Ethernet and new advances in USB and Thunderbolt technology. We have also constructed an interactive PDF version of all the information included in an effort to make learning, or brushing up on, these technologies a bit more interesting. Give it a look!

[Demartek Commentary: Deleting Files with Long File Names](#)

In the latest Demartek Commentary, Dennis Martin addresses the issue some people have with deleting files with a long file name on a Microsoft Windows system. If you are looking for another way to help you clean up your system files you'll want to read this.

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Your datacenter storage should be ENERGY STAR® certified. Here's how.

[Learn More >](#)



[Demartek ENERGY STAR® Datacenter Storage Certification Video](#)

Demartek is proud to be a recognized test lab for the EPA ENERGY STAR® Data Center Storage Program. Having earned this certification, as well as recognition as a SNIA Emerald Tester at the end of 2013, we have a lot of experience testing multiple energy efficiency configurations. In an effort to make the process of earning this spec on your datacenter technology easier, we have created a step-by-step video explaining the process. Once you've decided to make the jump into energy efficient testing give us a call and we'll help you complete the process!

Events and Speaking

A horizontal banner for an event. On the left is the 'Flash Memory Summit' logo with a sun icon and '10th Anniversary'. In the center, it says 'AUGUST 11 SANTA CLARA, CALIFORNIA'. To the right is the Demartek logo and the text 'REAL-WORLD PERFORMANCE OF FLASH-BASED STORAGE SYSTEMS' with the time '4:35PM - 5:45PM'. On the far right is a red box with white text that says 'DON'T MISS THIS!'.

Dennis Martin, President of Demartek, will present at the [Flash Memory Summit](#) in Santa Clara, CA at the end of the summer. This event is for anyone using, buying, planning, developing, selling or marketing flash-based storage products and needs to understand their performance under real-world conditions. *This year's presentation will contain new performance data not seen elsewhere.* Details of Dennis's session:

- August 11, 4:35pm: [Real-World Performance of Flash-Based Storage Systems](#)

To get all the info and register for this event, visit the [Flash Memory Summit 2015](#) website. Sign up now and make sure you **don't miss** this event!

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Top Ten Demartek Pages and Reports

We list the top ten most popular pages and reports for the last four weeks, updating every Monday morning. Here's how it looked on our website on July 13th:



1. [Demartek Storage Networking Interface Comparison](#)
2. [Demartek Evaluation - Improving Oracle with All-Flash HP 3PAR StoreServ 7450c](#)
3. [Demartek Presents Robocopy at March 2011 RMWTUG Meeting](#)
4. [Demartek News and Reports](#)
5. [Demartek Monthly Browser Usage Statistics](#)
6. [Demartek Lab Validation and Testing](#)
7. [Demartek Commentary - Horses, Buggies and SSDs](#)
8. [Demartek SSD Zone](#)
9. [Demartek - About Us](#)
10. [Demartek Presenting at Flash Memory Summit - August 2015](#)

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

As you can see by the number of news items in this newsletter, we have been very busy lately, and are happy to share some of our public activities in this newsletter. You can get the full list of our public reports and commentaries on our [news page](#).



I hope to see many of you at the Flash Memory Summit next month in Santa Clara, California!

Dennis Martin, President, Demartek

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