

Demartek Lab Notes – December 2011



Demartek
Real-world, Hands-on
Research & Analysis

Lab Notes

December 2011

Welcome



Welcome to the **Demartek Lab Notes**, our monthly newsletter. This newsletter contains a few links to our recent lab evaluations, articles, and upcoming speaking engagements. Even though 2011 is coming to a close, we remain busy with several testing projects. Be sure to check our news page for some new reports this month.

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Demartek News

[Demartek Comments on Storage Efficiency and SSDs](#)

Dennis Martin, Demartek President and Founder, participated in a panel session on the topic of Storage Efficiencies at the Comdex Virtual Conference in November 2011. He commented that Flash storage not only speeds up storage performance, it also changes some of the other measurements of storage efficiency.



[Demartek Shares Benchmark Output File Formats](#)

We run a variety of benchmark tools in the course of our lab validation tests. We were curious about the actual data that these tools write in their respective data files, so we decided to look inside these files and share that data. Having knowledge of the data written by these benchmark tools can help decide which tool to use for certain types of tests. This data has implications for compression and data de-duplication, and may also have other implications. Benchmark tools include IOMeter, SQLIO and others.

[Demartek Publishes SSD Primer](#)

Because of the great interest in solid state storage (SSS) technology, we have compiled this summary document providing some basic information for solid state

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drive (SSD) or solid state disk technology. The terms SSS and SSD are often used interchangeably. Technically, SSD refers to a specific form factor, while SSS refers to any solid state storage form factor. This reference document is similar in format to our popular Storage Interface Comparison reference page.

Demartek SSD Giveaway

Demartek is giving away another SSD! We will draw another name from our newsletter subscribers for a new SSD giveaway on February 29, 2012. Watch [our website](#) for additional details.

SSD Deployment Guide to be Published in Q1 2012



It's not too late to participate in the next **Demartek Deployment Guide**! We are now starting to work on the **SSD Deployment Guide** to be published in the first quarter of 2012.

For participating vendors there will be a special, vendor-specific section of this guide that will provide in-depth content such as management, performance, ease of use, and other topics. Vendors who are interested in having their own optional section in the **SSD Deployment Guide** are encouraged to contact Demartek right away so arrangements can be made to include your information in this guide.

Top Ten Most Popular 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 December 12:



1. [Demartek Storage Networking Interface Comparison](#)
2. [Demartek Presents Robocopy at March 2011 RMWTUG Meeting](#)
3. [Demartek Publishes Exchange Server 2003 vs 2007 vs 2010 I/O Comparison Summary](#)
4. [Demartek iSCSI Deployment Guide 2011](#)
5. [Demartek Low Latency Evaluation of Fibre Channel, iSCSI and SAS Host Interfaces](#)
6. [Demartek SSD Zone](#)
7. [Demartek Publishes Evaluation of LSI WarpDrive Performance](#)
8. [Demartek News](#)
9. [Demartek FCoE Zone](#)
10. [Demartek Lab Validation](#)

Be sure to check back every Monday to see which reports have been the most popular!

Demartek 2011 End-of-Year Holiday Schedule

Demartek will be closed Saturday, December 24, 2011 through Sunday, January 1, 2012 for the Christmas and New Year's Day holidays.

We wish you all a **Merry Christmas** and a **Happy New Year!**

Dennis Martin

