

Demartek Lab Notes – May 2011

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Real-world, Hands-on
Research & Analysis

Lab Notes

May 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. We have been very busy working on a variety of technology projects.

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Public Evaluations

[Demartek Publishes iSCSI Deployment Guide 2011](#)

Because of an increased interest in iSCSI (Internet SCSI), Demartek has produced this **Demartek iSCSI Deployment Guide 2011**, one in a series of technology deployment guides. This guide is designed to provide basic information about iSCSI and practical guidance for planning and deploying iSCSI technology and products. Although this guide contains some iSCSI marketplace information and discusses specific vendor products, it is primarily a technical document. It focuses on iSCSI primarily, but not exclusively, in a Microsoft Windows environment and is an updated version of the 150-page [Microsoft iSCSI Storage Deployment White Paper](#) that we published for Microsoft in June 2007, which is available on our website.



Recent Articles and Videos

[Demartek Publishes Article on the Impact of SSD Technology on the Network and CPU](#)

Dennis Martin, Demartek President, has written an article describing how SSD technology affects the performance balance among CPU, memory, networks and storage. The article also explains why SSDs and 10 gigabit networking can be a good match.



[Demartek Presents iSCSI Technology and Best Practices Webcast](#)

IP storage networks are a popular choice for today's Cloud based and Virtualized data centers. Demartek's Dennis Martin shared first-hand expertise and actionable best practices for effectively deploying iSCSI storage networks. It doesn't matter if you

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have a large, medium or small environment, Dennis provided application specific recommendations that you won't want to miss.



Demartek Presents the iSCSI Initiator Video

This video shows the Microsoft iSCSI Initiator from the perspective of a ten-year old girl in the Demartek lab.

Upcoming Speaking Engagements

Storage Decisions Conference Chicago - June 22, 2011

Dennis Martin, President of Demartek, will present two sessions at the Storage Decisions Conference in Chicago on June 21, 2011.

These sessions are:

- Tuesday, June 21, 11:00a.m.: [**Automated Storage Tiering in General**](#)
- Tuesday, June 21, 1:55p.m.: [**Making the Case for Solid-State Storage**](#)



Top Ten Most Popular Demartek Pages and Reports

We have a new 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 30:



1. [**Demartek SSD Zone**](#)
2. [**Demartek Storage Interface Comparison**](#)
3. [**Demartek Presents Robocopy at March 2011 RMWTUG Meeting**](#)
4. [**Demartek Publishes Exchange Server 2003 vs 2007 vs 2010 I/O Comparison Summary**](#)
5. [**Demartek Publishes Evaluation of LSI MegaRAID CacheCade Performance**](#)
6. [**Demartek Publishes Evaluation of LSI WarpDrive Performance**](#)
7. [**Demartek Publishes Evaluation of LSI MegaRAID FastPath Performance**](#)
8. [**Demartek Lab Validation Testing**](#)
9. [**Demartek to Present SSD Technologies at Storage Decisions in June 2011**](#)
10. [**Demartek Video Library**](#)

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

Upcoming Testing

We continue to run tests in our lab that relate to SSDs, iSCSI, FCoE and other storage technologies, in addition to various application workloads in native and virtualized environments. If there are particular scenarios you would like to see, please contact us.

Dennis Martin
Demartek