Demartek Lab Notes – June 2013

Demartek Lab Notes
Real-world, Hands-on Research & Analysis

June 2013

Demartek News

Demartek Publishes "Horses, Buggies, and SSDs" Commentary

Much like transportation technology at the beginning of the 20th century, we are beginning to see a major shift, over the last decade, in how computing storage is advancing from the days of hard disk drives to the emerging efficiency and affordability of solid state drives, or SSDs. In this informative and comparative commentary article, Dennis Martin discusses this monumental transition into the future of computer storage. Read the commentary **here**, and while you're at it, check out our **Demartek SSD Zone**.

Demartek Publishes Boot Storm Report

Virtual desktops are gaining popularity as a more cost effective and more easily serviceable solution. The most resource-dependent process for many virtual desktop pools is the boot storm, when many of these desktops are booted at the same time. Demartek evaluated the performance of Internal HDD, Fibre Channel (FC) HDD, and Fibre Channel solid state drives (SSD) under boot storm conditions and compared VM boot times, server load, and disk throughput performance metrics. To view the full report, click **here**.

Storage Decisions Chicago Presentations Now Available

Dennis Martin, president of Demartek, gave two presentations at last week's Storage Decisions Chicago Conference. If you were unable to attend either of these sessions, the presentations are now available on our website. View both of the presentations, "Solid-State Storage is Everywhere - But Where Does It Work Best?" and "Solid-State Technology - What's New?" **here**.

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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 June 17th:

1. **Demartek Presents Robocopy at March 2011 RMWTUG Meeting**
2. **Demartek Commentary - Horses, Buggies and SSDs**
3. **Demartek Storage Networking Interface Comparison**
4. **Demartek Publishes Exchange Server 2003 vs 2007 vs 2010 I/O Comparison Summary**
5. **Demartek News & Reports**
6. **Demartek Low Latency Evaluation of Fibre Channel, iSCSI and SAS Host Interfaces**
7. **Demartek SSD Deployment Guide**
8. **Demartek SSD Zone**
9. **Demartek STEC s1120 PCIe Accelerator and EnhanceIO SSD Cache Software Evaluation**
10. **Demartek Discusses SSDs at the Storage Decisions Conference Chicago in June 2013**

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

We're doing quite a bit with SSD technology and faster storage interfaces, as you can see from this month's news items. I've been saying for some time that these two technologies were made for each other. I've been asked to chair two panel sessions at the Flash Memory Summit in August, where we will discuss SSD caching, one session devoted to the consumer or client marketplace, and the other to the enterprise SSD marketplace. Perhaps I will see you there!

Dennis Martin, President, Demartek

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