



June 2016

News



[Improving Database Performance with Microsemi NVRAM Drives](#)

Microsemi recently commissioned Demartek to evaluate the Flashtec NV1616 NVRAM PCIe card as a log device for an Oracle database executing a write-heavy OLTP workload. Performance, measured by the average number of database transactions per minute, with redo logs deployed on SATA SSDs was compared with logging to Flashtec NVRAM. Get all the details by reading our full report.

Demartek Lab Notes –June 2016



Emulex and Cisco show us
that half can be a good thing.*

[Learn More >](#)

*does not apply to cupcakes

[Accelerating Workload Performance with Cisco 16GFC Deployments](#)

The computing industry is experiencing increasing demand for storage performance, including greater bandwidth and IOPS along with reduced latency due to demands for increased application performance and continual growth. Emulex had us test their 16GFC and 8GFC adapters in an Oracle database data warehousing environment with Cisco servers and switches. Learn about the results by clicking the link above.



When seconds count it can take
teamwork to make the dream work.

[Learn More >](#)

[Maximizing the Potential of All-flash Storage with HPE StoreFabric Gen 5 16GFC](#)

We've been declaring for years that flash storage - specifically all-flash arrays - and high speed storage networks are made for each other. Brocade, Emulex, QLogic and Hewlett Packard Enterprise all feel the same way. In our latest report, we evaluate the benefits of moving online transaction processing workloads to 16GFC technology from 8GFC technology.

Demartek Lab Notes –June 2016

Events & Speaking



Data Storage Innovations Conference (DSI) 2016

The Data Storage Innovations Conference 2016 will take place in San Mateo, CA on June 13-15. The conference is for decision-makers, technology implementers, and those expecting to recognize, influence, and support data storage innovation as actual production solutions. Dennis Martin's sessions include:

- June 14, 10:00am: [Learn Your Alphabet - SRIOV, NPIV, RoCE, iWARP - to Pump Up Virtual Infrastructure Performance](#)
- June 15, 10:55am: [Identity Performance Bottlenecks with Real-World Applications and Flash-Based Storage](#)
- June 15, 11:40am: [Storage Systems Can Now Get ENERGY STAR Labels and Why You Should Care](#)

Stay tuned to receive more information in next month's newsletter, and in the meantime check out the [DSI Conference 2016 Website](#)

Top Ten

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 [demartek.com](#) on June 13th.

1. [Demartek Storage Networking Interface Comparison](#)
2. [Demartek Presents Robocopy at March 2011 RMWTUG Meeting](#)
3. [Demartek News and Reports](#)
4. [Demartek Evaluates the Potential of All-Flash Storage with HPE StoreFabric Gen 5 15GFC](#)
5. [Demartek Lab Validation and Testing](#)
6. [Demartek Fibre Channel Zone](#)
7. [Demartek Presenting at DSI Conference 2016](#)
8. [Demartek Newsletter](#)
9. [Demartek Evaluation of Gen 6 Fibre Channel Adapter from QLogic](#)
10. [Demartek Evaluation: Accelerating Workload Performance with Cisco 16GFC Deployments](#)

Be sure to check back every Monday to see which reports have made the Top Ten List. The [current](#)

Demartek Lab Notes –June 2016

[top ten list](#) can also be viewed on the Demartek website.

Word from the President

We are updating the format of our reports and newsletters. We are providing a design that we believe is clean, elegant and easy to read. Look for the reports in this new format starting later this month.

I look forward to seeing some of you at the DSI conference this week. Feel free to attend any one of my three sessions described above or let's meet informally.



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