Demartek Lab Notes – September 2016

September 2016

News

Accelerating SQL Server 2016 with Dell PowerEdge R830 and QLogic Fibre Channel

We recently evaluated the benefits of moving to a data warehousing solution powered by the latest generation of hardware and software. We compared the Dell PowerEdge R830 with Microsoft SQL Server 2016 connected to an all-flash array using 16GFC adapters from QLogic to older Dell and Fibre Channel technology.

The Value of Flash for SMB Application Acceleration Video Now Available

With the continually dropping prices of flash-based media, small and medium-sized businesses are now able to deploy all flash solutions or as hybrid flash storage systems where flash is deployed alongside HDD technology. Miss our original post linking to the report? You're in luck because we recently released a commentary video highlighting how this technology can benefit your business!

Simplifying EMC Isilon Deployment with Brocade VCS

EMC Isilon is a leading example of a multipurpose storage solution that businesses rely on for file, application, and data lake storage services. The results presented in our latest report highlight the differences between Brocade's implementation of Brocade VCS fabric and a Cisco Nexus IP storage network in a standard leaf-spine technology.

Demartek Evaluation of Violin Storage Platform 7650

Violin Memory commissioned Demartek to evaluate its Flash Storage Platform 7650 with synthetic and real-world workloads. We measured the performance of this new storage platform with a special focus on IOPS and latency, especially noting the performance while maintaining low latency. Read the report today!

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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 September 19th.

1. **Demartek Presents Robocopy at March 2011 RMWTUG Meeting**
2. **Demartek Storage Networking Interface Comparison**
3. **Accelerating Database Workloads Using HPE MSA Storage with Built-In Flash**
4. **Accelerating Workload Performance with Cisco 16Gb Fibre Channel Deployments**
5. **Evaluation of HP ProLiant Gen9 vs Gen8 and G7 Server Blades**
6. **Accelerating SQL Server 2016 with Dell PowerEdge R830 and QLogic FC**
7. **Demartek - About Us**
8. **Demartek Lab Validation and Testing**
9. **The Value of Flash for SMB Application Acceleration**
10. **Improving SQL Server Database Performance with HPE MSA 2040 Flash Upgrades**

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 continue to push the limits of server, host adapter and storage system performance, as you can see from the reports and videos mentioned in this newsletter. We have some very interesting new content coming soon, including some new and expanded information on our very popular **Storage Interface Comparison** reference page.

Many people know that we produce public performance reports for a variety of products and solutions. Did you know that we produce our videos in-house and perform private work? I would be happy to describe how we can produce these for you.

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