Demartek Discusses Real-World Performance of Flash-Based Storage Systems at the Flash Memory Summit 2015

May 2015

[Dennis Martin](#), President of Demartek, will discuss real-world performance of flash-based storage systems at the **Flash Memory Summit** in Santa Clara, California on Tuesday, August 11, 2015.

Flash memory is a key technology enabling new designs for many products in the consumer, computer and enterprise markets. The Flash Memory Summit is the only place where you will hear the people making these products happen! Network with companies and people that will create the next generation of hardware and software at the Flash Memory Summit.

- August 11, 4:35pm - 5:45pm: ***Real-World Performance of Flash-Based Storage Systems***(Session 104-C)

Real-World Performance of Flash-Based Storage Systems

Intended Audience

Description

How does flash-based storage perform in the real world? Demartek will report on vendor-neutral performance tests run on database and virtualization workloads typical of today's data centers. The tests cover both hybrid and all-flash storage systems from several manufacturers, using a variety of form factors and interfaces and including both block and file protocols. Attendees will obtain reasonable estimates of what to expect in practice, since the tests are independent and focus on current applications and environments. The results also reveal other advantages of flash-based storage, what the instructor calls "happy side effects". Demartek will also discuss likely near-term advances. Vendors will learn how their products shape up and where they should put their efforts.

Technologies to be discussed include server-side flash, flash in the storage network, flash in the storage array, hybrid storage arrays, all-flash arrays, and various interfaces including **NVMe**. This year's presentation will contain new performance data not seen elsewhere.

About the Instructor:

Dennis Martin is the founder and President of Demartek, an analyst firm focused on validation and performance testing of data center products. Demartek has its own fully equipped, modern **test lab** with the features required to emulate today's data centers. Its widely recognized reports cover products and technologies from both well-known vendors and startups, including Brocade, Cisco, Dell, EMC, Emulex, Fusion-io, HP, IBM, Intel, NetApp, Nimbus Data, QLogic and others. Demartek also produces popular industry references, including its **"Storage Interface Comparison"** covering every interface used by storage systems and its **"SSD Deployment Guide"** that explains everything you need to know to deploy flash-based storage systems in the datacenter. Dennis' commentary **"Horses, Buggies and SSDs"** is a must-read for getting the long-term view of flash and other non-volatile storage technologies. Dennis is frequently quoted in the press (in such outlets as TechTarget, Market Watch, and Street Insider) on such topics as best practices for deploying SSD technologies and analyzing performance claims for all-flash arrays. A 35-year veteran of the technology industry, Dennis was previously a Senior Analyst with Evaluator Group and a marketing and engineering executive with StorageTek. He has been a Microsoft storage MVP since 2005.