

## Demartek Lab Notes

Real-world, Hands-on Research & Analysis

September 2015



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We all know that email is one of the critical applications many businesses rely on today. With a slew of practical communication uses, along with an irritatingly massive spam load at times, it's vital to know corporate email remains operational at all times. In Demartek's latest evaluation we configured the Dot Hill AssuredSAN 4824 as backend storage for Microsoft Exchange Server. Be sure and read this report to get all the details.

### Quick Links

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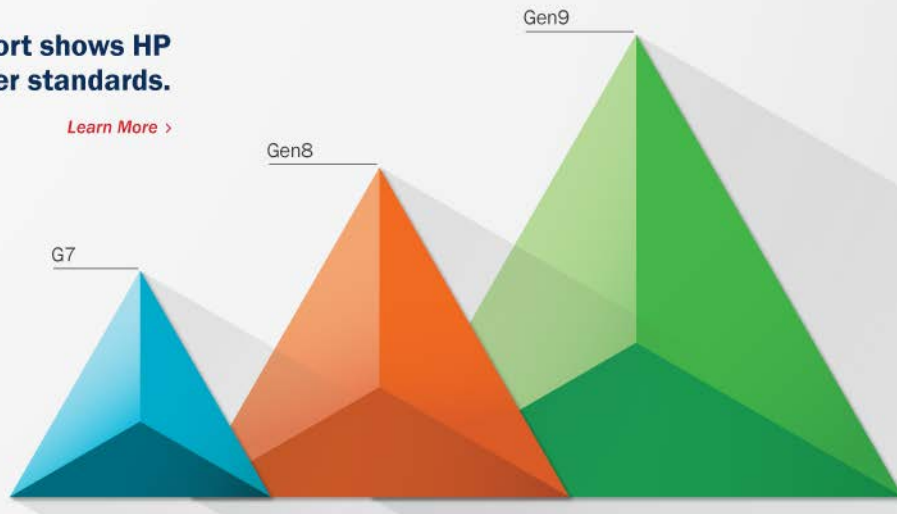
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**Our latest report shows HP climbing to higher standards.**

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### [Demartek Evaluation of HP ProLiant Gen9 vs Gen8 and G7 Server Blades](#)

When IT Managers consider upgrading older generation HP hardware or purchasing new hardware to help manage the increased demands of their datacenters, they want

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to know that the next generation offers solid, measurable performance to drive business improvements. With this in mind HP commissioned Demartek to compare Gen9 vs Gen8 and G7 performance of their HP ProLiant BL460c Server Blades. Read the full report and stay up-to-date with the latest from HP.

### Top Ten Demartek Pages and Reports

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 our website on September 14th:



1. [Demartek Storage Networking Interface Comparison](#)
2. [Demartek Presents Robocopy at March 2011 RMWTUG Meeting](#)
3. [Demartek Presenting at Flash Memory Summit - August 2015](#)
4. [Demartek News and Reports](#)
5. [Demartek Evaluation - Improving SQL Server Database Performance with Dot Hill AssuredSAN 4824 Flash Upgrades](#)
6. [Demartek Lab Validation and Testing](#)
7. [Demartek Evaluation of Microsoft Exchange for S2M Businesses on Dot Hill AssuredSAN 4824](#)
8. [Demartek - About Us](#)
9. [Demartek SSD Zone](#)
10. [Demartek Fibre Channel Zone](#)

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

Although it takes a bit more work to use real-world workloads to test servers and storage systems, these workloads are fairly close to the environments that end-user customers have in their enterprise datacenters. In running these types of workloads, we also get the opportunity to plan and deploy a wide variety of hypervisors, operating systems, applications, network topologies and storage technologies, which for us is challenging and fun.



Because many real-world customer environments run more than one application, we also like to run multiple applications in our environment to see how all the systems behave under mixed workload conditions.

It has been exciting to see the design improvements in the various technologies that we have tested over the years, and we look forward to the expected new improvements over the coming months and years.

Dennis Martin, President, Demartek

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