



PREDICTIVE, CLOUD-READY FLASH STORAGE

HPE NIMBLE ADDRESSES PRIMARY AND SECONDARY STORAGE CHALLENGES

Most businesses require speedy performance and high availability for their data and applications – and traditional hard-disk drive enterprise storage cannot keep up. Increasingly, organizations are turning to all flash and flash-based arrays to improve both issues, as they realize that the cost savings they provide cannot only be measured by cost per gigabyte.

HPE Nimble Storage is designed as “flash from the ground up” – with the intent to deliver better performance, while delivering simple management and enterprise grade resiliency. The HPE Nimble Storage family provides solutions for both primary and secondary storage applications. HPE Nimble Storage All Flash Arrays are storage class memory and NVMe ready, ensuring seamless, non-disruptive upgrades to future technologies.

High-Performance, VM-Based Environments with High IOPS Requirements:

Challenge: Legacy hardware needs to be upgraded and replaced as operational support has become complex and tedious. IT spends too much time dealing with storage issues. Migration to virtualized environments has created a different input/output profile that spinning disks can't keep up with. Their current storage cannot improve latency issues. In addition, the customer has plans to integrate more cloud into their IT strategy, and existing storage infrastructure doesn't fit.

Solution: The HPE Nimble Storage All Flash (AF) Series delivers predictive performance and flash economics for all workloads. The HPE Nimble AF Series delivers the input/output per second (IOPS) needed to support VM-based environments, while providing transparent access to the cloud. Help your customers plan for future application migration while maintaining their hardware investment. HPE Nimble All Flash Storage provides non-disruptive scalability while delivering 6 Nines of availability, as well the HPE Store More Guarantee so you can feel confident you get the most effective capacity per raw TB of flash compared to other all-flash arrays.⁴

HPE InfoSight Cloud-Based Predictive Analytics:

- 99.9999% availability¹
- 86% of issues automatically detected and resolved²
- 54% of problems resolved outside of storage³

PREDICTIVE HYBRID FLASH FOR MAINSTREAM AND MIXED WORKLOADS

Challenge: IT organizations are seeking better ways to deliver business-critical applications to their users. Older infrastructure cannot keep up with virtualized applications. Collaboration applications, such as Microsoft Exchange and Office 365, are pushing the limits of existing storage. They need the performance (sub-millisecond response times) of flash-enabled storage, but are more price sensitive. Alternatively, mid-size organizations are looking for the benefits of flash storage and simplified management.



Solution: HPE Nimble Storage Adaptive Flash Arrays (HF Series) deliver flash-enabled performance that is superior to spinning disk arrays. Customers get predictive performance, simplified management, and cloud-ready connectivity. This solution is ideal for organizations seeking to reap the performance benefits of flash-enabled storage at a lower price point. The HPE Nimble CS Series is also ideal for remote office/branch office (ROBO) applications.

PUT YOUR BACKUP DATA TO WORK

Challenge: Managing separate systems for backup, disaster recovery (DR), and secondary storage is expensive and complex. Recovery is slow, and the backup data cannot be used for tasks like development/test, quality assurance, and analytics because the backup infrastructure is not fast enough. According to Gartner, by 2020, 30 percent of organizations will leverage backup for more than just operational recovery, up from less than 10 percent at the beginning of 2016.⁵

Solution: HPE Nimble Storage Adaptive Flash Arrays (HF Series) are optimized for performance, cost-per-gigabyte, backup and DR, while providing flash acceleration for secondary applications such as development/testing and analytics. Backup and recover data from any primary storage array nearly instantaneously. Save space with always-on, in-line deduplication and compression. Backup data can be used for other workloads, such as development/test, quality assurance, and analytics.

HPE Nimble Storage: Predictive, Simple, Cloud Ready

The powerful HPE Nimble Storage family provides a variety of flash-based storage solutions that address both primary and secondary storage requirements. All HPE Nimble Storage solutions come with HPE InfoSight, a predictive analytics service that maximizes application availability and reduces storage-related downtime.

SYNNEX, the HPE Supplier of Choice

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We are honored to be chosen as the HPE Distributor of the Year for 2017. We carry the full HPE Enterprise portfolio and have the expertise to provide technical support. We offer a variety of flexible financing solutions as well as comprehensive integration solutions. In addition, here are a few things that we offer to help you close more HPE Nimble sales:

- Solutions Demo Lab, featuring HPE Nimble – for our partners to provide demos to their customers
- Dedicated HPE specialists to support HPE Nimble opportunities

For more information, please contact our SYNNEX Business Development Team at hpe@synnex.com or call us at 800-444-7380, option 1.

SYNNEX Corporation | 44201 Nobel Drive | Fremont, CA 94538 | 800-444-7380 | www.synnexcorp.com

¹ Hewlett Packard Enterprise, "HPE Get 6-Nines Guarantee - HPE Nimble Storage," Sept 2017.

² Enterprise Strategy Group, "Assessing the Financial Impact of HPE InfoSight Predictive Analytics," Sept 12, 2017. |

³ Hewlett Packard Enterprise, "Can Machine Learning Prevent Application Downtime," Aug 2017.

⁴ HPE Store More Guarantee, 2018.

⁵ Gartner Research, "Gartner Magic Quadrant for Data Center Backup and Recovery Software," June 2016.


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