Hewlett Packard Enterprise

GET MORE FROM YOUR HPE PROLIANT SERVERS WITH HPE NIMBLE STORAGE DHCI

ARE YOU LOOKING FOR A HYPERCONVERGED EXPERIENCE THAT DOES NOT REQUIRE YOU TO REPLACE YOUR EXISTING SERVERS AND SWITCHES?

HPE Nimble Storage dHCI integrates hyperconverged control and disaggregates compute and storage for simple management on a flexible architecture. Powered by HPE InfoSight and its advanced artificial intelligence, HPE Nimble Storage dHCI gives enterprises ultimate simplicity for their virtualized environments with fast app performance, always-on data resilience, and resource efficiency.

Nimble Storage

Automated and on-demand with full-stack intelligence and policy-based automation for VM-centric management					
ABSOLUTELY RESILIENT	**EFFICIENTLY SCALABLE**	**SUB-MILLISECONDS LATENCY**	**FAULT-TOLERANT**	**BUILT-IN DATA PROTECTION**	**INTEGRATED ENCRYPTION**
Designed for 99.9999% measured data availability with all-flash speed and sub-ms latency for always-on apps	Grow compute and storage independently; extended across a hybrid cloud, with industry-leading data efficiency	As low as 200 microseconds data response time from HPE Nimble Storage All Flash Array	No single point of failure, hardware redundancies with the ability to tolerate three simultaneous drive failures	Back up more frequently and recover faster with application-consistent snapshots and advanced replication	Application-level encryption and secure data shredding

TOP 10 REASONS WHY HPE PROLIANT CUSTOMERS SHOULD UPGRADE TO HPE NIMBLE STORAGE DHCI

1 ELEVATE TO HCI
Get a software-defined management experience that virtualizes every storage and compute resource; unified management through VMware vCenter® enables the ability to deliver apps faster to market.

2 RUN BUSINESS-CRITICAL APPS
Deliver absolute resiliency with over 6-nines of measured data availability with the power of HPE InfoSight recommendations that predicts and prevents bottlenecks before they have an impact.

3 DELIVER HIGH-PERFORMANCE WORKLOADS
Use flash-optimized storage to handle workloads that require high performance, sub-ms of low-latency, and automatically balance workloads depending on actual conditions through Quality of Service (QoS).

4 CONSOLIDATE UNPREDICTABLE WORKLOADS
Disaggregated storage and compute so you can efficiently consolidate all your applications from databases to analytics to mixed workloads.

5 TRANSFORM YOUR SUPPORT EXPERIENCE
Backed with the global intelligence of HPE InfoSight, IT administrators get a unique support experience where issues across the stack are predicted and prevented before they cause a disruption or major issue; when a support call is needed, a single call goes directly to a L3 support engineer who can help with the full stack.

6 ACHIEVE OVERALL HIGHER EFFICIENCY
Scale storage and compute independently to help eliminate overprovisioning and lower VM license costs; get industry-leading data efficiency and data reduction depending on the workload.

7 ENABLE HYBRID CLOUD
Unlock the agility of every cloud with seamless data mobility between on-premises infrastructure and public cloud; with HPE Cloud Volumes, you can modernize data protection, help eliminate hybrid complexity, and empower your innovators.

8 BE READY FOR CONTAINERS
Support the future of DevOps and modern applications for container-based use cases; you can directly access any Kubernetes orchestration platform with greater flexibility, agility, lower costs, and enterprise-grade security.

9 OPTIMIZE WITH AI
Always-fast and always-optimized with predictive, proactive issue resolution, workload intelligence, and real-time recommendations across the full stack of storage, compute, networking, and virtualization to help maximize the performance.

10 PROTECT YOUR EXISTING INVESTMENT
Don't rip-and-replace to get the HCI experience, just add a new HPE Nimble Storage Gen5 Array to your existing HPE ProLiant DL325/360/380/385/560/580 Gen9/Gen10 servers and approved switches; then, perform just five simple steps and your HPE Nimble Storage dHCI platform is ready within 15 minutes.[2]

SUPPORTED HPE PROLIANT SERVERS
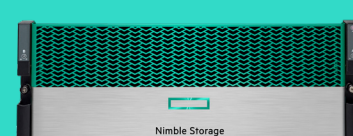HPE ProLiant Gen9/Gen10/Gen10+

SUPPORT SWITCHES
- HPE StoreFabric M-Series (Mellanox)
- HPE FlexFabric 5710, 5945
- Aruba 8325 Switches
- Cisco Nexus 3000, 5000, and 9000

SUPPORTED HPE NIMBLE STORAGE ARRAYS
HPE Nimble Storage All Flash or Hybrid Flash Arrays (Gen5 Only)

[1] HPE Storage substantiation
[2] HPE Nimble Storage dHCI: Extending the Hyperconverged Experience to Workloads with Unpredictable Growth, June 2019

LEARN MORE AT
hpe.com/storage/dHCI
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