**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]

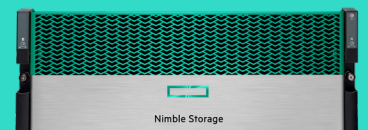### SUPPORTED HPE PROLIANT SERVERS
HPE ProLiant Gen9/Gen10/Gen10+

### 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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