GET MORE FROM YOUR HPE PROLIANT SERVERS WITH HPE ALLETRA DHCI

Automated and on-demand with full-stack intelligence and policy-based automation for VM-centric management

Absolutely resilient
Designed for 99.9999% measured data availability with all-flash speed and sub-ms latency for always-on apps[1]

Efficiently scalable
Grow compute and storage independently, extended across a hybrid cloud, with industry-leading data efficiency

Sub-milliseconds latency
As low as 200 microseconds data response time from HPE Alletra dHCI All Flash Array

Fault-tolerant
No single point of failure, hardware redundancies with the ability to tolerate three simultaneous drive failures

Built-in data protection
Back up more frequently and recover faster with application-consistent snapshots and advanced replication

Integrated encryption
Application-level encryption and secure data shredding

[1] HPE Storage substantiation, hpe.com/psnow/doc/a00058506enw?from=app&section=search&isFutureVersion=true

[2] See HPE Alletra dHCI QuickSpecs for details.

Are you looking for a hyperconverged experience that does not require you to get rid of your existing servers and switches?

In today's world, IT administrators are challenged by system complexity requiring multidomain experience, the pressure to support both traditional and modern applications and fight virtual machine (VM) sprawl while reducing costs. Some IT administrators have looked to hyperconverged to help, but they still long for independent scaling, performance, and data efficiency of their three-tier architecture. This is where Hewlett Packard Enterprise comes in with the simplicity of hyperconverged infrastructure (HCI) and flexibility.

EXTENDING HCI

HPE Alletra dHCI, the industry's first disaggregated HCI platform powered with artificial intelligence, 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 Alletra dHCI gives enterprises ultimate simplicity for their virtualized environments with fast app performance, always-on data resilience, and resource efficiency.

HPE Alletra dHCI extends the hyperconverged experience for business-critical and mixed workloads, where future apps and consolidation require different amounts of compute or storage. HPE Alletra dHCI lets IT administrators accelerate time to market on a platform that flexibly scales.

PROTECT YOUR INVESTMENT

To get a hyperconverged experience with other vendors, IT administrators would not be able to use their existing servers or switches. IT administrators would waste resources to buy new servers. Some IT administrators may have recently upgraded their HPE ProLiant servers and cannot afford to lose their investment. There is a better way where they can use your existing HPE ProLiant servers to get your hyperconverged experience.

HPE enables IT administrators to use their existing HPE ProLiant servers and approved switches.[2] It combines them with a new HPE Alletra 6000 or HPE Nimble Storage Gen5 Arrays. IT administrators can now benefit from their three-tier infrastructure combined with the new hyperconverged experience.

To better understand the advantages of using your existing HPE ProLiant servers to convert to HPE Alletra dHCI, here are the top 10 reasons why IT administrators upgrade to HPE Alletra dHCI.

Supported HPE ProLiant servers

- HPE ProLiant DL360 Gen9/Gen10
- HPE ProLiant DL380 Gen9/Gen10
- HPE ProLiant DL325 Gen10/Gen10+
- HPE ProLiant DL385 Gen10/Gen10+
- HPE ProLiant DL560 Gen9/Gen10
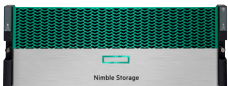- HPE ProLiant DL580 Gen9/Gen10

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Supported switches

- HPE M-Series (Mellanox)
- HPE FlexFabric 5710, 5945
- Aruba 83xx, 6300M Switches
- Cisco Nexus 3000, 5000, and 9000
- Any third-party Ethernet switches that have valid support agreements and conform to HPE best practices

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Supported HPE Alletra and HPE Nimble Storage arrays

- HPE Alletra 6000 or HPE Nimble Storage (Gen5 Only)

3 Analyzing the Economic Benefits of Hewlett Packard Enterprise (HPE) Nimble Storage dHCI hpe.com/psnow/doc/a50005424enw?from= app&section=search&isFutureVersion=true

Make the right purchase decision. Contact our presales specialists.

Chat now (sales)

Call now

Get updates

TOP 10 REASONS WHY HPE PROLIANT CUSTOMERS SHOULD UPGRADE TO HPE ALLETRA 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 mixed 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 Backup and Recovery Service or Zerto, 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 Alletra or 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 Alletra dHCI platform is ready within 15 minutes.[3]

LEARN MORE AT

hpe.com/storage/dhci
hpe.com/storage/alletra

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