Hewlett Packard Enterprise

HPE Nimble Storage dHCI

Storage Solutions

What's new

- Disaggregated HCI extends hyperconvergence to workloads with unpredictable growth, scaling compute and storage independently.
- Hyperconverged control collapses storage and compute silos and all data services can be managed exclusively in VMware vCenter.
- Resilient design center for 99.9999% availability with no single point of failure and advanced data integrity to tolerate three simultaneous dive failures. [1]
- Low-latency performance as low as 200

Overview

HPE Nimble Storage dHCI an intelligent platform with the flexibility of converged and the simplicity of HCI. It disaggregates compute and storage and integrates hyperconverged control to give enterprises simple infrastructure management on a flexible architecture. Built with HPE ProLiant and HPE Nimble Storage, this platform provides the flexibility to scale compute and storage independently for unpredictable growth and the data resiliency and performance needed for business-critical apps.

microseconds data response with automatic QoS to ensure fast performance for every app. [4]

- Industry-leading data efficiency with advanced data reduction and a modern OS providing up to 21X data reduction. [3]

Features

Intelligently Simple

Free yourself to focus on apps, not infrastructure. Hyperconverged control and HPE InfoSight make it simple for any VM admin to deploy, manage, scale, and support this platform. Deploy in less than 15 minutes, manage exclusively in VMware vCenter, and upgrade transparently to your apps. [1]

Absolutely Resilient

Keep apps running nonstop and fast with a resilient design center and predictive analytics. Sub-millisecond latency and high IOPS for performance-intensive apps and consolidation. 99.9999% availability with automated QOS, advanced data integrity, and data protection that extends to the cloud.

Efficiently Scalable

Eliminate over provisioning and add only the resources needed with the flexibility to independently grow compute and storage, non-disruptively. Store more data per raw terabyte over competitive platforms with industry-leading data efficiency backed by the HPE Store More Guarantee. [2]

HPE Pointnext

HPE Pointnext leverages our breadth and depth of technical expertise and innovation to help to accelerate digital transformation. A comprehensive portfolio that includes—Advisory, Professional, and Operational Services is designed to help you evolve and grow today and into the future.

Operational Services

- **HPE Flexible Capacity** is a new consumption model to manage on-demand capacity, combining the agility and economics of public cloud with the security and performance of on-premises IT.

- **HPE Datacenter Care** offers a tailored operational support solution built on core deliverables. It includes hardware and software support, a team of experts to help personalize deliverables and share best practices, as well as optional building blocks to address specific IT and business needs.

- **HPE Proactive Care** is an integrated set of hardware and software support including an enhanced call experience with start to finish case management helping resolve incidents quickly and keeping IT reliable and stable.

- **HPE Foundation Care** helps when there is a hardware or software problem offering several response levels dependent on IT and business requirements.

Advisory Services includes design, strategy, road map, and other services to help enable the digital transformation journey, tuned to IT and business needs. Advisory Services helps customers on their journey to Hybrid IT, Big Data, and the Intelligent Edge.

Professional Services helps integrate the new solution with project management, installation and startup, relocation services, and more. We help mitigate risk to the business so there is no interruption when new technology is being integrated in the existing IT environment.

[1] HPE Nimble Storage dHCI—Disaggregated Hyperconverged Infrastructure for Business, ESG Technical Validation, June 2019

https://h20195.www2.hpe.com/v2/Getdocument.aspx?docname=a00075391enw

[2] Efficiency at any scale through HPE Store More Guarantee.

https://h20195.www2.hpe.com/v2/Getdocument.aspx?docname=a00039975enw&skiphtml=1

[3] HPE Store More Guarantee for HPE Nimble Storage

https://h20195.www2.hpe.com/v2/getpdf.aspx/a00039975enw.pdf

[4] Based on installed-base data of HPE Nimble Storage

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