Power your data from edge to cloud

HPE Alletra Storage

Leverage the cloud experience for all your apps and data, from edge to cloud, as you gain agility, accelerate innovation, and speed time to value.

HPE Alletra Storage is cloud-native data infrastructure that delivers a cloud operating and consumption experience wherever data lives.

Free yourself from hybrid cloud complexity

Shed the complexity and silos inherent in conventional hybrid cloud environments with a paradigm shift in data infrastructure that's cloud native by design. Run any application, from traditional to modern, without traditional storage management challenges. Break down silos between clouds via seamless access to data and a consistent experience that helps maximize resources across on-premises infrastructure and public cloud.

HPE Alletra Storage leverages the advantages of the cloud computing delivery model to help ensure IT resources are always-on and instantly available. The solution delivers architectural flexibility and simplicity across workload-optimized systems. By mobilizing data across clouds, HPE Alletra Storage unleashes the true potential of your hybrid cloud.

AI-driven

The industry's most advanced AI for infrastructure improves performance, drives higher availability, optimizes resource utilization and planning, and transforms the support experience.

Built for cloud

A cloud operational experience across workload-optimized systems delivers the same agility and intuitive simplicity for every app, throughout app lifecycles and across hybrid cloud.

As a service

Avoid overprovisioning, reduce infrastructure costs, and gain agility with storage as a service. Consume HPE Alletra Storage as a service via HPE GreenLake for pay-per-use,* with scale-up-and-down freedom.

HPE GreenLake

* May be subject to minimums or reserve capacity may apply

Stop managing data infrastructure and start consuming it

Move from owning and maintaining data infrastructure to simply accessing and utilizing it — on demand and as a service. Power your data from edge to cloud as you boost agility, run any application, and free your data everywhere.

99%	**100%**	**65%**
operational time savings[1]	data availability guaranteed[2]	IT resource savings[3]
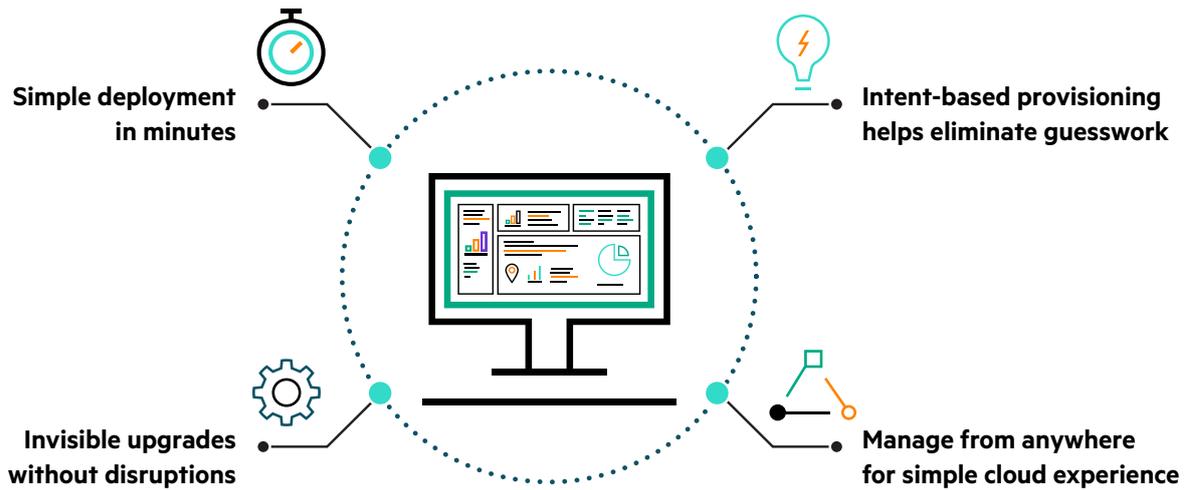
Figure 1. HPE Alletra Storage managed via the HPE GreenLake edge-to-cloud platform

Boost your agility with cloud operations

Harness a cloud operational and consumption experience for every application from edge to cloud. By abstracting the data infrastructure control plane from the data plane and moving it to the cloud, you get a single, consistent operational experience across HPE Alletra Storage fleets. Operate at cloud speed and scale — and easily orchestrate data infrastructure across its lifecycle with simple deployment, AI-driven intent-based provisioning, and invisible upgrades.

Run any app without compromise

HPE Alletra Storage comes in three product lines — delivering agility and simplicity for every application from edge to cloud.

- **HPE Alletra 9000** is ideal for mission-critical workloads with extreme latency and availability requirements. Enjoy a 100% data availability guarantee[4] and an all-NVMe architecture that delivers best-in-class performance density (over 2 million IOPS[5]) and is certified for up to 96 SAP HANA® nodes in just 4U.

- **HPE Alletra 6000** is fast, ultra-efficient infrastructure ideal for business-critical workloads with strict SLAs for availability and performance. Get resilient storage for your organization with app-aware intelligence, industry-leading data efficiency, and 6-nines availability guaranteed.[6]

- **HPE Alletra 5000** is simple, reliable, cost-efficient cloud-native data infrastructure adaptively designed for both mixed primary and secondary workloads. Guaranteed 6-nines data availability, Triple+ Parity RAID, and hybrid data protection help ensure absolute resiliency.

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[4], [6] HPE Storage substantiation, 2023

[5] Based on HPE internal testing

Learn more at

HPE.com/data/HPE-Alletra

Explore HPE GreenLake ▭

💬 **Chat now (sales)**

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