HPE GreenLake

Top 10 reasons to choose HPE GreenLake for Block Storage

HPE GreenLake for Block Storage is the industry's first storage-as-a-service that offers self-service and a 100% availability guarantee built-in for mission-critical environments.[1] Reduce storage complexity—and free yourself to simplify operations and move faster—with the power of a cloud operational experience everywhere.

Here are the top 10 reasons to choose HPE GreenLake for Block Storage:

01 **Go faster with self-service agility:** HPE GreenLake for Block Storage simplifies on-premises storage with the speed and agility of a cloud operational experience. This makes underlying infrastructure invisible while shifting operations to be app, not infrastructure, centric. Unlike the traditional storage management common to other storage-as-a-service options, with HPE GreenLake for Block Storage, line of business (LOB) and database admins can effortlessly procure and provision storage to accelerate app deployment—freeing up IT resources to work on strategic, higher-value initiatives.

02 **Run any application without compromise:** Meet any SLA with mission-critical, business-critical, and general-purpose block storage and the highest levels of availability and performance. HPE GreenLake for Block Storage provides an unrivaled 100% data availability,[2] guaranteed, for mission-critical applications and an industry leading 99.9999%[3] uptime for other workloads. Compare that to the typical 99.99% offered by other vendors' storage-as-a-service offerings.

03 **Better performance, better economics with disaggregated, scale-out storage:[4]** Scale performance and capacity independently with disaggregated storage—enabling more flexibility, efficiency and lower costs for evolving workloads. Start small, scale big and maximize ROI with non-disruptive, data-in-place upgrades without repurchasing existing storage. And eliminate silos and complexity by deploying block or file workloads on a single multi-protocol storage platform with a common cloud experience.

04 **Simplify and accelerate provisioning:** Transform from LUN-centric to AI-driven, app-centric storage provisioning. Just select the storage tier and workload type, specify the capacity and protection policy, and let AI-driven intelligence automatically recommend the best-suited system across your fleet to optimize your SLAs. No storage expertise required, and no more guesswork. Slash storage provisioning time from days or weeks to minutes, and empower LOB and app owners with self-service, on-demand provisioning.

05 **Put your storage on autopilot with an AI-managed service:** Say goodbye to endless firefighting thanks to industry-leading AI Ops for infrastructure that drives autonomous operations and helps ensure your apps are always on and always fast. You can predict and prevent disruptions before they occur across the stack, and pinpoint issues between storage, VMs, and under-utilized virtual resources. Let AI-driven recommendations take the guesswork out of managing data infrastructure, and help eliminate time-consuming, frustrating escalations through predictive support automation and direct access to experts.

06 **Help ensure quality of service for mission-critical apps:** HPE GreenLake for Block Storage provides an intelligent quality of service (QoS) for your critical workloads. Intelligent QoS allows you to set priorities on a specific volume or application set to help make sure performance expectations are met. In the event of resource contention, volumes with the lowest priority will be capped.

07 **Consume your way:** Consume resources your way with a choice of up-front purchase or transparent monthly subscription. A flexible as a service consumption model enables you to avoid over and under provisioning concerns, budget constraints, and complex procurement cycles. Start fast and easily with instant, SLA-driven quoting and rapid ordering. Simply get the storage resources you need via workload optimized storage tiers delivered in days. And scale on demand as necessary, with buffer capacity for unexpected workloads or usage demands.

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[1] Based on analysis of known industry block storage-as-a-service offerings available as of March 2022 that are offered self-service

[2], [3] HPE Storage Substantiation

[4] Disaggregated, scale-out storage is available with HPE GreenLake for Storage powered by HPE Alletra Storage MP

08   **Manage from anywhere:** Global unified management enables you to manage, monitor and protect your global storage environment from a single cloud console, which makes managing hundreds of systems as simple as managing one. An intuitive software-as-a-service (SaaS)-based user experience means everything you need to manage your fleet of data infrastructure is at your fingertips—accessible from anywhere, on any device.

09   **Get everything as a service:** Modernize your data management with a comprehensive suite of cloud data services and a unified operating experience on the HPE GreenLake edge-to-cloud platform. For example, with HPE GreenLake for Backup and Recovery, you can experience effortless cloud backup from a single pane of glass while meeting every SLA across clouds through instant restores, rapid recovery on-prem, and cost-effective long-term retention in the cloud.

10   **Accelerate business outcomes:** HPE GreenLake for Block Storage empowers you to transform from IT operator to service provider, which means you focus on accelerating outcomes, not managing infrastructure. Speed time to value with 99% operational time savings via intent-based provisioning.[5] Lower risk with 100% availability guaranteed for mission-critical workloads,[6] and boost agility with 86% of problems predicted and automatically resolved before you even recognize that there's an issue.[7]

Learn more at

hpe.com/data/hpe-greenlake-block-storage

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[5]. [6]. [7] HPE Storage Substantiation

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