HPE GreenLake for Block Storage

Transform faster with a cloud operational experience and self-service agility everywhere

HPE GreenLake for Block Storage is the industry's first[1] storage-as-a-service that offers self-service and a 100% availability guarantee built-in for mission-critical environments. It enables you to transform from IT operator to service provider, focusing on accelerating outcomes not managing infrastructure.

As customers continue to shift to everything as a service driven by the goal of unlocking the agility and speeding the pace of innovation, storage-as-a-service offerings to date have limited this transformation.

First, managed services come at a premium. Customized, managed service offerings are the right fit for large-scale customer deployments—but they come at a higher cost. Secondly, most storage-as-a-service offerings are not suitable for mission-critical applications. They come with four nines of availability, yet mission-critical applications require six nines or 100% availability. And lastly, these offerings don't bring self-service agility. While storage as a service has brought pay-as-you-go consumption, customers still have to deal with a traditional storage management experience, which requires storage domain expertise for day two and beyond operations.

As a result, the speed at which organizations can transform with the adoption of storage as a service remains limited. HPE GreenLake for Block Storage changes that.

HPE GreenLake for Block Storage is a cloud data service—offered on the HPE GreenLake edge-to-cloud platform—that simplifies on-prem storage management with the speed and agility of a cloud operational experience.

Go faster with self-service agility

Unlike traditional storage management common with other storage-as-a-service options, with the on-prem cloud operational experience delivered by HPE GreenLake for Block Storage, even line of business (LOB)/database (DB) admins can self-provision storage infrastructure without the need for domain expertise. With intent based provisioning, they only need to choose the SLA, capacity, host access, protection policies, and priority QoS required for workloads. Underlying infrastructure becomes invisible, and operations shift to be app, not infrastructure centric.

[1] Based on analysis of known industry block storage-as-a-service offerings available as of March 11, 2022 that are offered self-service.

Key outcomes:[2]

Boost time to value:

99%

operational time savings using intent based provisioning. LOB/DB admins can self-provision storage for faster app deployments

Reduce business risk:

100%

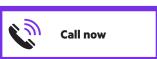availability guaranteed for mission-critical apps

AI-driven issue resolution:

86%

of problems are automatically predicted and resolved with HPE InfoSight

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Say goodbye to endless firefighting with an AI-driven service. You can now change the way you manage storage by driving autonomous operations with industry-leading AIOps for infrastructure that transforms the support experience and helps ensure that your apps are always-on and always fast.

This cloud operational experience delivers the self-service agility that line of business owners and developers require to build and deploy new apps, services, and projects faster—and frees up your IT resources to work on strategic, higher-value initiatives.

Consume your way

Consume resources your way with a choice of up-front purchase or transparent monthly subscription.

A flexible consumption as a service model enables you to shift from owning data infrastructure to simply accessing and utilizing it - avoiding over- and under-provisioning concerns, budget constraints, and complex procurement cycles.

Start fast and easily with instant, SLA-driven quoting and rapid ordering. Easily get the storage resources you need faster with workload-optimized storage tiers-delivered to you in days. You can scale on-demand as you need with buffer capacity for unexpected workloads or usage demands.

Run any app—without compromise

Meet your desired SLA with mission-critical, business-critical, and general-purpose block storage tiers—with the highest levels of availability and ultra-fast performance.

HPE GreenLake for Block Storage provides 100% availability guaranteed for mission-critical applications and an industry-leading 99.9999% uptime for all other workloads versus the typical 99.99% offered by competitive storage offerings.[3]

Mission-critical
Accelerate mission-critical apps with an all-NVMe storage service featuring predictable high-performance, ultra-low latency and 100% availability guaranteed.

Business-critical
Harness maximum efficiency for business-critical apps with a best price performance storage service—designed for fast, reliable data access and 99.9999% measured availability.

General-purpose
Leverage a cost-optimized storage service for general-purpose workloads—with flexible scale and no more tuning, trade-offs, or wasted resources.

Mission-critical storage now available for the midrange
HPE GreenLake for Block Storage is extending mission-critical storage to the midrange with the industry's first disaggregated, scale-out block storage with 100% data availability guaranteed. Powered by the new HPE Alletra Storage MP hardware platform, HPE GreenLake for Block Storage brings cloud operational agility, efficient scale, and extreme resiliency and performance to your mission-critical apps—at a price you can afford.

HPE GreenLake for Block Storage eliminates infrastructure complexity with a cloud experience everywhere, freeing you to simplify operations and move faster.

Learn more at
hpe.com/data/hpe-greenlake-block-storage

Explore HPE GreenLake