



HPE Storage

Top 10 reasons to choose HPE GreenLake for Private Cloud Business Edition

HPE 
GreenLake

HPE GreenLake for Private Cloud Business Edition enables customers to deliver virtual machines (VMs) across hybrid cloud, on demand. With this offering, customers can build their self-managed private cloud on demand when they need it and where they need it in data centers, at the edge, and beyond. The VM-centric cloud offering brings the agility of cloud operations and the ease of cloud ownership to apps and data everywhere.

Here are the top reasons to consider HPE GreenLake for Private Cloud Business Edition:

1 Designed for zero overprovisioning, better economics: Traditional HCI solutions have linear, fixed scaling of resources that are typically overprovisioned, and they wind up sitting idle on each node. Admins have to scale HCI configurations by adding nodes with both compute and storage resources, forcing them to pay for unwanted storage capacity. These islands of overprovisioned compute and storage can be costly to manage for your business. But you can avoid all that wasteful overprovisioning with the flexible, independent scale of compute and storage resources, the efficient all-in-one with HA and data protection built-in, and pay per use* economics that HPE GreenLake for Private Cloud Business Edition provides. At scale, this helps lower costs, so you spend less on nodes and less on rack space, and you avoid the VM hypervisor and software license tax when you just need storage without compute.

2 One-stop management: Single console for managing VMs and infrastructure across your fleet, on-premises, and on AWS. Manage, provision, and protect your VMs whether in your edge locations, at core sites, or in the cloud at Amazon AWS and Microsoft Azure to streamline and simplify hybrid cloud operations. Customers gain a single console for managing VMs across hybrid cloud, on demand. Agile self-service is enabled from a single, global dashboard to give customers control. Automated provisioning of VMs and applications works from within the HPE GreenLake control plane.

3 Fast time to value: Leverage this software-as-service (SaaS)-based private and hybrid cloud management and blueprints to accelerate deployments and speed innovation. HPE GreenLake for Private Cloud Business Edition abstracts the control and management plane from the underlying infrastructure to HPE GreenLake edge-to-cloud platform. It provides cloud-managed infrastructure, which means you have everything you need at your fingertips to globally deploy, manage, upgrade, and optimize your entire fleet of VMs and infrastructure — wherever it is in the world. The cloud-native control plane scales autonomously with infrastructure, so managing hundreds of systems across geographies is as simple as managing one.

4 Get time back: Solves **day 2** and beyond issues faster with artificial intelligence (AI)-managed operations. HPE GreenLake for Private Cloud Business Edition includes HPE InfoSight that empowers users with AIOps and unique cross-stack analytics for VMware®. Customers not only gain insights into their VMs but also benefit from guided troubleshooting of performance bottlenecks across the full stack — including clusters, hosts, datastores, and VMs. In fact, 86% of issues are automatically opened and resolved.¹ Hewlett Packard Enterprise reduces business disruption to help keep your business applications always on, always fast.

5 More resilient architecture with fast, easy upgrades: Our disaggregated architecture isolates failure domains across compute and storage for a resilient, secure platform for running VMs. Enjoy uncompromising resiliency from the start, with a unique Triple+ Parity RAID that can handle three simultaneous drive failures. Our design results in more resiliency than alternatives — and delivers 4x more reliability for business-critical applications.² Intelligent, nondisruptive lifecycle upgrades are fully automated across one or multiple clusters and designed to be faster and easier empowering you to self-manage and control when you want to upgrade your infrastructure including the VMware hypervisor.

* May be subject to minimums or reserve capacity may apply

^{1, 2} [“HPE storage substantiation,”](#) HPE, 2023



6 Performance for critical apps, at scale: HPE GreenLake for Private Cloud Business Edition overcomes performance limits that may exist with traditional infrastructure delivering 10x faster application performance compared to alternatives.³ Database workloads requiring low write latencies and large VM farm performance and capacity requirements can be easily met based on the disaggregated architecture delivering better economics at scale. Choice of service levels are available for general-purpose to business-critical workloads.

7 Choice of six-nines or five-nines data availability: HPE GreenLake for Private Cloud Business Edition leverages HPE Storage and HPE SimpliVity, foundations with proven 99.9999% data availability or 99.999% data availability across its installed bases — and, unlike alternatives, HPE delivers data availability for every customer.³ Better still, the offer is powered by HPE InfoSight, which predicts and prevents problems before the business is impacted. With HPE, customers don't need to make trade-offs between high availability, data reduction, and performance.

8 Predictive support with direct access to experts: Typical tiered support models provided by alternatives can take forever. Your business can't afford that wasted time. HPE GreenLake for Private Cloud Business Edition leverages a unique support experience. Let AI-driven recommendations take the guesswork out of managing data infrastructure and leverage predictive support automation and direct access to experts to help eliminate time-consuming escalations.

9 Secure and protected: Simplify hybrid cloud protection and mobility. Harness hybrid cloud data protection and VM mobility to help with business continuity and managing risk. The service goes beyond resiliency with extra VM-centric data protection, rapid restore, and VM mobility for disaster recovery. Seamless data mobility helps ensure your hybrid cloud is protected.

10 Designed to fit your environment: HPE GreenLake for Private Cloud Business Edition management console delivers value to both traditional HPE Alletra dHCI and HPE SimpliVity customers who own their assets as well as to HPE GreenLake customers who subscribe with pay-per-use consumption. The offer helps both types of customers. You can easily add resources to scale as your business grows, and you benefit from a choice of consumption models that enables your team to focus on innovation. The solutions are designed, so you can achieve faster time to value for your application deployments, avoid wasteful overprovisioning, and easily protect and control of your data.

³ ["HPE storage substantiation,"](#) HPE, 2023

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