



Top 10 reasons to choose HPE GreenLake for Backup and Recovery

HPE GreenLake for Backup and Recovery is backup as a service designed for hybrid cloud. It simplifies how you protect your on-premises VMware® virtual machines (VMs) and cloud-native workloads such as Amazon EBS Volumes and EC2 Instances, bringing the cloud operational experience and flexibility of software delivered as a service.



Here are the top 10 reasons to protect your data with HPE GreenLake for Backup and Recovery

- 1 Simplified protection delivered as a SaaS:** HPE GreenLake for Backup and Recovery is hosted on the HPE GreenLake cloud portal to remove the purchasing, deploying, and managing overheads of backup servers, media servers, catalog servers, cloud gateways, proxy servers, and other components. These components help with traditional backup software-based protection. Integrated backup targets remove the need to separately provision and manage backup storage while maintaining compatibility through firmware, operating systems, and software updates. Hewlett Packard Enterprise runs and operates the service while securing the data. As a result, the HPE GreenLake for Backup and Recovery users can move beyond owning and maintaining their backup infrastructure to accessing and utilizing backup as a service.
- 2 Easy to operate with consistent protection:** Global Protection Policy can be applied to on-premises and cloud-hosted data. The Global Protection Policy encapsulates the recovery commitments to the organization and helps ensure consistent protection across on-premises, cloud, and hybrid workloads. In addition, associating Protection Policies and Protection Groups automate backup at scale.
- 3 Highly storage efficient:** The granular HPE StoreOnce Catalyst deduplication, built into the HPE GreenLake for Backup and Recovery, provides space-efficient backups delivering unmatched storage efficiency. This means less space to store the required recovery points and control over backup storage costs. An HPE internal testing has quantified this efficiency as up to 8x better storage efficiency relative to other vendors with similar offerings.¹ Storage efficiency benefits include:
 - Less storage to purchase and manage backup data
 - Reduced network bandwidth costs
 - Faster finish time for backups
 - Ability to retain more with predictable costs and cloud scale
- 4 Cloud operational experience via a secure cloud console:** HPE GreenLake for Backup and Recovery uses a single cloud console that consolidates the management of backup and recovery jobs, protected and unprotected asset inventory, reporting, Protection Policies, and backup storage across on-premises and cloud locations. You can access the HPE GreenLake for Backup and Recovery cloud console through the secure HPE GreenLake cloud portal. You can also operate the service using the HPE GreenLake for Backup and Recovery APIs.
- 5 Secure by design:** Ransomware and other malware are neutralized with built-in encryption, backup data immutability, and optional dual authorization. All backups are encrypted in flight and when stored. Configurable backup data immutability prevents a backup from being deleted or modified by malware or users before the configured retention date. You can set dual authorization for a second approver before deleting a backup or snapshot. HPE GreenLake for Backup and Recovery runs on the secure HPE GreenLake cloud portal providing multilevel security for access, authentication, authorization, and communications.

¹ Based on HPE internal testing conducted in April and October 2022 comparing HPE GreenLake for Backup and Recovery with four other competing backup solutions.

- 6 Consumption-based billing—pay only for what is protected*:** HPE GreenLake for Backup and Recovery has simple consumption-based billing based on what is protected and how much capacity is consumed in the Cloud Protection Store. There are no complex software licensing schemes to manage or additional licenses for deduplication, encryption, or other service features. There is no need to provision backup storage based on future requirements as the service allocates this as needed. The Cloud Protection Store usage bill is based on consumed capacity with no additional billing for data egress (recovery) or search operations.
- 7 HPE StoreOnce as an on-prem backup target:** This integration with HPE StoreOnce systems provides users an alternative to the service defined On-Premises Protection Store. This can be created on a new or existing HPE StoreOnce system. The store physically separates backup and primary storage, and there is no contention for VMware vCenter® resources between the On-Premises Protection Store and production workloads. This setup also allows backup over Fibre Channel.
- 8 Comprehensive data management:** The HPE GreenLake edge-to-cloud platform is the single location to manage compute, networking, and storage infrastructure while protecting data. An increasing set of data services are available in this portal, which hosts the data to be managed and protected using services from the same secure cloud portal. This creates a single, company-wide data management approach to break down all data silos with agility and cloud operational experience to help you eliminate complexity and move faster.
- 9 Control where you want your backup data location:** HPE GreenLake for Backup and Recovery is a cloud-native service, but the backup data is not stored in the HPE GreenLake cloud portal. You define where data is stored on-premises and the cloud backup locations. The location of the Cloud Protection Store is selected from the available locations as part of a Protection Policy. On-premises data can be protected with the ability to restore data locally (on-premises) or optionally send backups to the cloud—Cloud Protection Store of HPE GreenLake for Backup and Recovery.
- 10 Storage integration:** If you protect data on HPE Alletra, HPE Nimble Storage, and HPE Primera, this service automatically retains local snapshots for instant data restores, on-premises backups, and cloud backups, which can be combined with a single Protection Policy. The policy enables fast recovery and cost-efficient long-term data retention.

Try HPE GreenLake for Backup and Recovery for free**

Evaluate HPE GreenLake for Backup and Recovery with no obligation for a free [90-day trial](#), and experience the benefits yourself. All service features with HPE support are available during the trial period, and after evaluation, you can easily purchase the subscription.

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Learn more at

hpe.com/us/en/hpe-greenlake-backup-recovery.html

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* May be subject to minimums or reserve capacity may apply

** Cloud Protection Store is up to 5 TB during the trial period



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