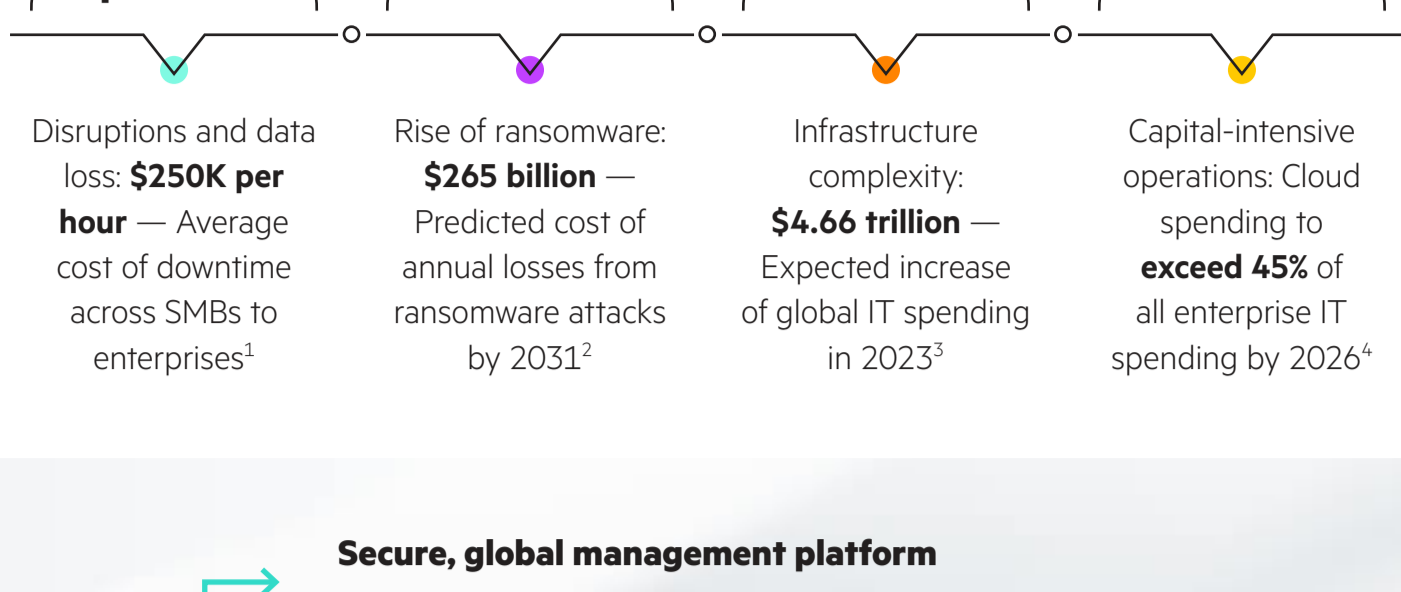


Confidently protect and recover data with HPE GreenLake for Disaster Recovery

Disaster recovery challenges



Benefits of SaaS-based disaster recovery

- Secure, global management platform**
 - Manage, monitor, test, and restore sites securely with the HPE GreenLake edge-to-cloud platform.
 - Experience an extra layer of security from malicious attacks because SaaS-based disaster recovery (DR) is not hosted in an organization's data center.
 - Get valuable performance insights on all your cloud services and keep your data safe no matter where the team resides.
- Cost-effective at scale**
 - Seamlessly protect your data as you continue to modernize and scale your infrastructure.
 - HPE GreenLake for Disaster Recovery is platform- and hardware-agnostic, offering a low-cost entry subscription model suitable for businesses of all sizes and various industries.
- Single cloud control plane**
 - Confidently reduce complexity from edge to cloud by utilizing a single cloud control plane and APIs to manage all your hybrid applications.
 - Manage, store, and protect all your data from one console, and experience multisite visibility in one purview from the dashboard.
- Simple, SaaS solution**
 - Easily deploy from any device, anywhere in the world, with point-and-click provisioning and built-in orchestration and automation.
 - Spend less time testing or upgrading hardware and software, as HPE handles updates and maintenance of the platform.

How HPE GreenLake for Disaster Recovery works

- HPE GreenLake for Disaster Recovery is purpose-built for tier-one applications deployed on a virtual infrastructure. Virtual replication technology combines near-continuous replication with block-level, application-consistent data protection across hosts and storage.
- It captures any change in your environment at the block level without impacting your production site.
- You set it up and replicate, and it works continuously in the background, keeping you protected 24x7.
- Recover multiple VMs as one cohesive, logical entity.
- When creating recovery points, all the VMs will share the same checkpoint with write order fidelity.
- When the application is recovered, every VM that makes it whole spins up from that same cross-VM recovery point, in the boot order of your choice, without any extra work, saving resources and time dedicated to recovery.

Near-synchronous replication

Granular journaling technology

Application-centric recovery

- The changes being tracked at the block level are captured in a journal every few seconds and held for up to 30 days.
- If your site was hit by a ransomware attack or any other disaster, you could rewind to a state five seconds before the disruption in just a few minutes.
- Significantly reduce data loss with HPE GreenLake for Disaster Recovery journaling technology by recovering to a granular point in time before the attack or unplanned outage occurred.

These three differentiators make up true continuous data protection (CDP)

HPE GreenLake for Disaster Recovery's underlying technology is based on the industry-leading DR solution, Zerto, a Hewlett Packard Enterprise company. This provides unmatched CDP, made possible by block-level replication.

True CDP consists of three main differentiators

1 Near-synchronous replication

2 Journaling technology

3 App-centric recovery

Continuously and seamlessly protect your workloads, and reduce time spent fiddling with backup windows, or tweaking schedules, no managing snapshot chains or wrangling with agents. You set it up, replicate, and HPE GreenLake for Disaster Recovery stays on to keep your business running uninterrupted 24x7.

Key benefits

Orchestration and automation

- Orchestrated recovery**
 - Dramatically limit downtime and get back up and running quickly.
 - With HPE GreenLake for Disaster Recovery, you get built-in orchestration that provides hands-off restores of single folders, entire VMs, or entire virtual data centers (vDCs).
 - Simply select the applications or servers you want to recover, pick the exact point in time you need down to the second, and then start the failover, test, or restore process of that protection group.
- Intelligent automation**
 - Reduce manual processes and improve operational efficiency.
 - In a natural disaster, ransomware attack, or unplanned disruption, failovers and fallbacks happen automatically based on your predefined DR plans.
 - Auto-detection of VMware vCenter® VMs reduces time spent on setup, and easy extensibility via APIs allows you to continue to evolve your technology and modernize your business.
- Nondisruptive testing**
 - Easily stress-test your recovery plans without impacting your production environment.
 - HPE GreenLake for Disaster Recovery captures any change in your environment at the block level, so you can test any time of day and any day of the week, without downtime — and get recovery point objectives (RPOs) of seconds and recovery time objectives (RTOs) of a few minutes.

Hybrid cloud support

- The HPE GreenLake edge-to-cloud platform** brings cloud operational experience to you. Let HPE handle the maintenance and upkeep of its hybrid cloud platform, and reap the benefits of its security, scalability, and cost-effectiveness.
- VMware vSphere®** protects your mission-critical assets across VMware® and reduces complexity in managing multiple sites with global management when you use HPE GreenLake for Disaster Recovery.

Simplicity at scale

- Ease of operation:** Use HPE GreenLake for Disaster Recovery in three simple steps.
- Flexible architecture:** Update and innovate your IT infrastructure while staying protected.
- Real-time monitoring and reporting:** Monitor service-level agreement (SLA) statuses, RPOs, and RTOs in real time from the dashboard.

Top 3 reasons to choose HPE GreenLake for Disaster Recovery

Automated and orchestrated DR at scale

Easily manage end-to-end disaster recovery operations.

Fast and flexible recovery from any disruption

Recover in minutes to a state seconds before an attack.

One simple, unified experience from edge to cloud

Manage all your cloud services in one platform.



Try HPE GreenLake for Disaster Recovery with our free 90-day trial and experience the benefits for yourself.

¹ "The State of Ransomware and Disaster Preparedness: 2022," IDC, May 2022
² cybersecurityventures.com/global-ransomware-damage-costs-predicted-to-reach-250-billion-usd-by-2031/
³ Gartner Forecasts Worldwide IT Spending to Grow 5.5% in 2023, April 2023
⁴ Gartner Says Four Trends Are Shaping the Future of Public Cloud, August 2021

Learn more at [HPE GreenLake for Data Protection](#) and [HPE GreenLake for Disaster Recovery](#)

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