

HPE GreenLake for Disaster Recovery

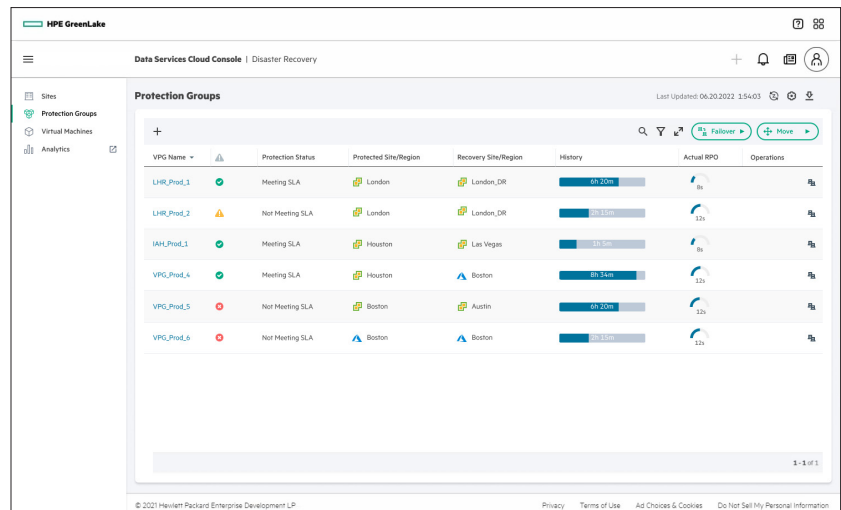
Unlock the fastest recovery experience in one simple platform—with unlimited scale

HPE GreenLake for Disaster Recovery protects virtual machines at scale using continuous data protection (CDP), not nightly snapshots, to minimize data loss with recovery point objectives (RPOs) of seconds.

As critical applications continue to spread across hybrid-cloud environments, managing data protection has become increasingly complex. Unplanned downtime due to natural disasters, ransomware, and outages are the biggest availability threats. A recent IDC survey¹ of 509 global IT and senior business leaders found that 79% of respondents indicated they had activated a disaster response within the past 12 months, with 61% of those responses triggered by ransomware or other malware.

Today, customers need to be able to monitor, mitigate, and recover faster from disruptions and be able to do so from a single, unified platform. Take ransomware head-on and modernize your data protection strategy from edge to cloud.

HPE GreenLake for Disaster Recovery provides the unique opportunity to recover data in a matter of minutes, to state seconds before an attack. Now, you can utilize an industry-leading disaster recovery solution, on a highly available, global platform where you can scale easily without limitations.



¹“The State of Ransomware and Disaster Preparedness: 2022,” IDC.

Figure 1. Orchestrated disaster recovery from the HPE GreenLake edge-to-cloud platform



Highlights

RPOs of seconds

Recovery from thousands of checkpoints, seconds apart.

Orchestration and automation

Simple workflows to perform moves and failovers in a few clicks.

Application centric recovery

Recover large enterprise applications quickly, from any point in time, with the fastest RTOs in the industry.

Recover faster with near-zero data loss

Now available as a preview to HPE GreenLake customers, Hewlett Packard Enterprise brings you the fastest recovery experience, in a simple, unified platform.² Manage your cloud services in one place, from compute to storage, and now, disaster recovery. HPE GreenLake for Disaster Recovery protects virtual machines (VMs) using continuous data protection (CDP), not nightly snapshots, to help minimize data loss with recovery-point objectives (RPOs) of seconds. Entire multi-VM application stacks are protected as a consistent whole and can be recovered together to the exact same point in time. And with orchestrated live failovers and non-disruptive disaster recovery tests, your recovery-time objectives (RTOs) are measured in minutes to help ensure as little downtime as possible. You enjoy a unified experience across your multisite deployments to protect, recover, and easily move data and applications without risk.

To achieve these low RPOs and fast RTOs, start with just a few clicks to easily configure sites, groups, and VM protection in the HPE GreenLake platform. For each protected VM or group of VMs, every write to a protected VM disk is copied to the specified recovery site and stored in a journal for a user-defined history of 1 hour up to 30 days. Every checkpoint in that journal is separated by mere seconds to provide hypergranular restore points.

You can then select a group of VMs and choose to carry out disaster recovery operations, such as a test failover, live failovers, commit and rollback of failovers, and reverse protection between the sites. This gives you granular point-in-time recovery for entire applications, not just component parts. Examine the details of how HPE GreenLake for Disaster Recovery gives you the gold standard in protection and simplicity at scale.

Industry-leading DR solution

Meet your desired SLAs for mission- and business-critical applications. Reduce fear of major data loss and downtime. With HPE GreenLake for Disaster Recovery, you get the fastest RTOs and RPOs, that bring you back to a state as little as 5 seconds before an outage or ransomware attack.

This is due to three key differentiators:

Near-synchronous replication

Always-on replication creates thousands of recovery points, just seconds apart, for granularity with industry-leading RPOs. This approach delivers the best of synchronous and asynchronous replication. Hypervisor-based replication works with VMware vSphere® with no impact on production environments.

Unique journaling technology

The journaling technology provided by this software solution is unmatched due to the level of granularity it provides. Recover your business-critical data quickly and with as little as 5 seconds of data loss versus 6, 12, 24 hours, or more from a backup or snapshot.

Application-centric recovery

Protect and recover complex multi-VM applications together as one unit to the exact same point in time, saving you a ton of resources and reducing time dedicated to recovery.

HPE GreenLake for Disaster Recovery is ready for HPE GreenLake customers to preview this simplified, unified experience.

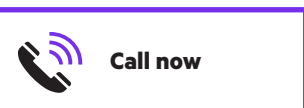
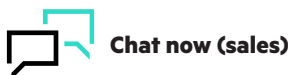
Sign up now

[Connect.hpe.com/HPE_GreenLake_for_DR_Preview](https://connect.hpe.com/HPE_GreenLake_for_DR_Preview)



² Maximize recovery—Achieve your best RTOs and RPOs guide.

**Make the right purchase decision.
Contact our presales specialists.**



 **Get updates**

Explore **HPE GreenLake**

© Copyright 2022 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

VMware vSphere is a registered trademark or trademark of VMware, Inc. and its subsidiaries in the United States and other jurisdictions. All third-party marks are property of their respective owners.

a00124696ENW, Rev. 1