

# Make your cloud always available and resilient with HPE Helion CloudSystem and Zerto Virtual Replication

## Disaster Recovery for HPE Helion CloudSystem 10



### Be ready when bad things happen

Life is full of unavoidable and unexpected events that can take your IT services offline. And the consequences to your business can be dire. You need to be prepared for outages in your hybrid cloud deployment, maintain audit compliance, and meet the most stringent availability SLAs for your virtualized services.

### Withstand any disruption or disaster with Zerto Virtual Replication

As the CEO Today's IT organizations are under increasing pressure as budgets and service levels are shrinking. Often, meeting the stated service level agreement just isn't enough. Customers and end-users expect things to be available at all times. Organizations need to leverage their disaster recovery strategy to achieve IT Resilience.

Zerto Virtual Replication, the industry's first hypervisor-based, low latency, continuous data replication solution for VMware environments, surpasses being a simple point solution of business continuity and disaster recovery (BC/DR). It allows organizations to architect truly resilient virtualized applications in cloud environments. It is different from any other disaster recovery solution because it has the fastest and most efficient replication combined with fully automated failover, failback and non-disruptive DR testing for production workloads. It is the foundation for any cloud, public, private

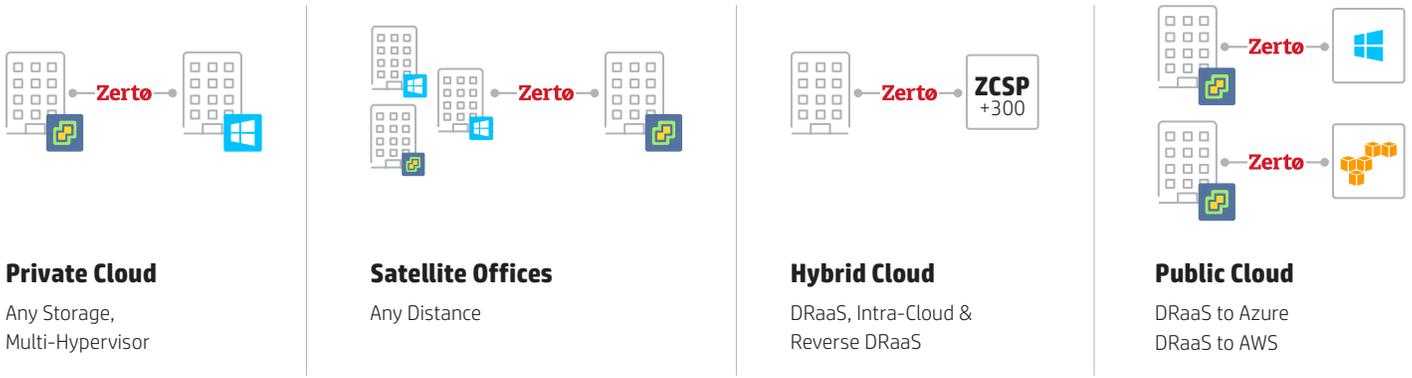
or hybrid, as it is the only solution that can provide a single view of data and applications and protect them across multiple environments.

### Simple, Automated Disaster Recovery

When applications and data are unavailable, or the website is down, panic sets in. A 200-page runbook is not going to get your environment up and running fast. Zerto and HPE recognize this gap and have joined together to provide a simple and automated recovery process. When an application or the entire cloud management platform is down, you have nothing to worry about as the process is executed in just a few clicks. The entire recovery process is set up ahead of time including boot order and re-IPing, ensuring a consistent, repeatable recovery process that will execute in your time of need. Customers have been able to recover an application in just a few minutes and an entire data center in less than an hour.

### Fast Migrations

With Zerto Virtual Replication, you can easily migrate production workloads across different infrastructures to increase efficiencies. Simple to install, natively multi-tenant, and intuitive to



**Private Cloud**

Any Storage,  
Multi-Hypervisor

**Satellite Offices**

Any Distance

**Hybrid Cloud**

DRaaS, Intra-Cloud &  
Reverse DRaaS

**Public Cloud**

DRaaS to Azure  
DRaaS to AWS

use, Zerto Virtual Replication is ideally suited for private, public and hybrid BC/DR and long term retention for complete data protection.

With Zerto, you can quickly migrate a workload from your older hardware to an HPE CloudSystem 10 quickly so you can leverage your new investment faster and realize all the benefits across your infrastructure. Customers have reduced their migration times from weeks and months to just days and in some cases hours.

**Recovery from any disaster or disruption**

Power outages, natural disasters, logical corruptions and ransomware can take down a VM, application or a data center. Recovery from logical corruptions and ransomware can be especially challenging as the recovery point that is available is usually the most recent which includes the corruption. Zerto delivers continuous data protection with the journal, the history of changes and I/O for the VMs and applications in the protected environment. You can recover the environment seconds before a patch is applied, a ransomware attack or a logical corruption. This ensures no productivity is lost and work does not need to be redone.

**Resilience for Evolving IT™**

Zerto Virtual Replication provides continuous availability and disaster recovery software solutions for evolving IT including public, private and hybrid clouds. This proactive approach to recovery gives companies the confidence in their ability to withstand any disruption, incorporate new technology easily, and change frequently to accommodate evolving IT budgets and business priorities.

**Zerto Virtual Replication and HPE CloudSystem 10**

The modern enterprise is built on a mix of workloads that enable business outcomes, including traditional IT, cloud native applications, and everything in between. CloudSystem is a comprehensive solution for quickly provisioning a private or hybrid cloud encompassing hardware, cloud infrastructure, application platform, and management. Zerto Virtual Replication, the industry's first hypervisor-based replication solution, is an award-winning recovery solution that delivers aggressive service levels for recovery, ensuring your end-users and customers always have access to the critical data and applications across your HPE Helion CloudSystem environment.

*Zerto Virtual Replication has proven to be successful in the most demanding industries for mission-critical virtualized workloads. Find out how HPE CloudSystem and Zerto Virtual Replication can help you get ready for any unplanned or planned outages in your hybrid cloud environment.*

**Learn more at**  
[www.hpe.com/info/CloudSystem](http://www.hpe.com/info/CloudSystem)