



MULTI-TENANT CLOUD-NATIVE DATA PROTECTION

CloudCasa DR for Red Hat OpenShift & OpenShift Virtualization on HPE Alletra

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For organizations standardizing on Red Hat OpenShift and HPE Alletra, CloudCasa delivers Kubernetes-aware, storage-integrated disaster recovery alongside existing data protection workflows through a unified operational model.

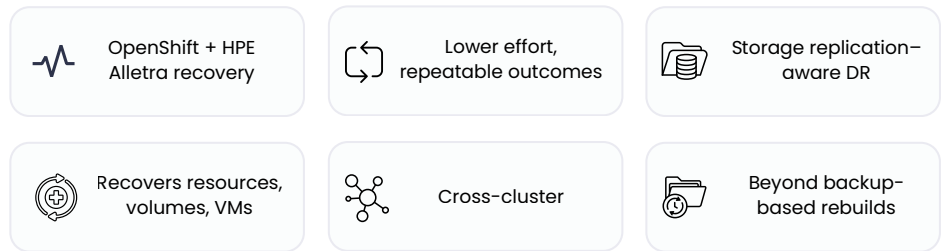
Built for OpenShift environments

- Red Hat OpenShift Container Platform
- Red Hat OpenShift Virtualization
- Red Hat OpenShift Virtualization Engine
- Red Hat OpenShift Service on AWS
- Azure Red Hat OpenShift
- OpenShift Dedicated

Designed for HPE storage estates

- HPE Alletra B10000
- HPE Alletra 9000

Red Hat OpenShift helps keep applications running during routine failures. When a cluster or primary site becomes unavailable, recovering the full application is more complex because state spans Kubernetes resources, persistent volumes, policies, and replicated storage across clusters.



How CloudCasa simplifies OpenShift disaster recovery



Value for business continuity

Business continuity teams gain a more repeatable recovery process for stateful Red Hat OpenShift applications. Storage-integrated disaster recovery can reduce recovery time objectives by restoring persistent data from replicated volumes while CloudCasa coordinates recovery of the Kubernetes application layer.

The result is a practical path to protect Red Hat OpenShift applications, OpenShift Virtualization workloads, and HPE-backed persistent data with fewer manual steps and less operational risk during failover events.

Granular recovery and mobility

Business continuity teams gain a more repeatable recovery process for stateful Red Hat OpenShift applications. Storage-integrated disaster recovery can reduce recovery time objectives by restoring persistent data from replicated volumes while CloudCasa orchestrates recovery workflows for namespaces, deployments, StatefulSets, and virtual machines across clusters.

Lightweight agents

Lightweight, stateless agents reduce operational overhead and support continuous protection without requiring heavyweight infrastructure in each cluster.

Enterprise deployment options

CloudCasa is available as SaaS or self-hosted to support different enterprise, service provider, regulatory, and operational requirements.



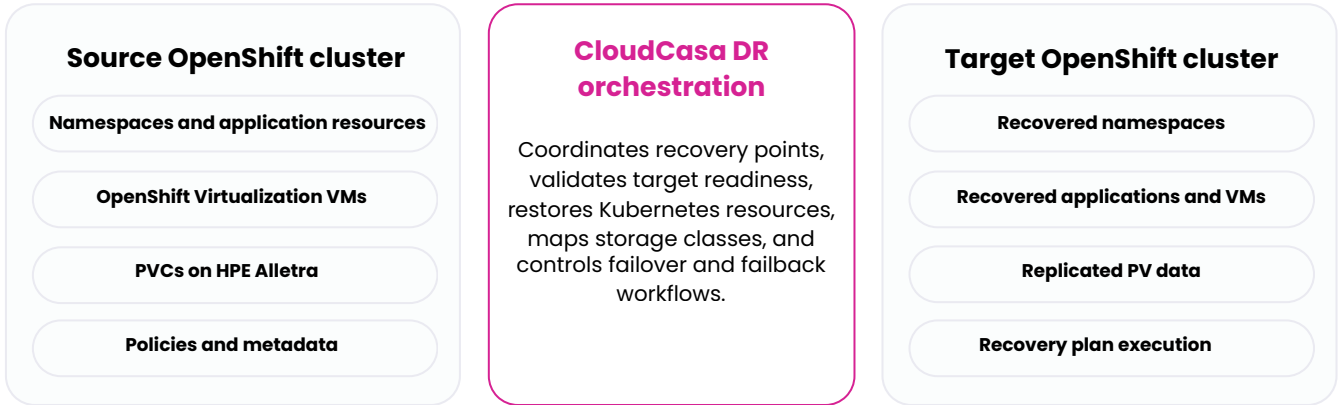
Technology Partner



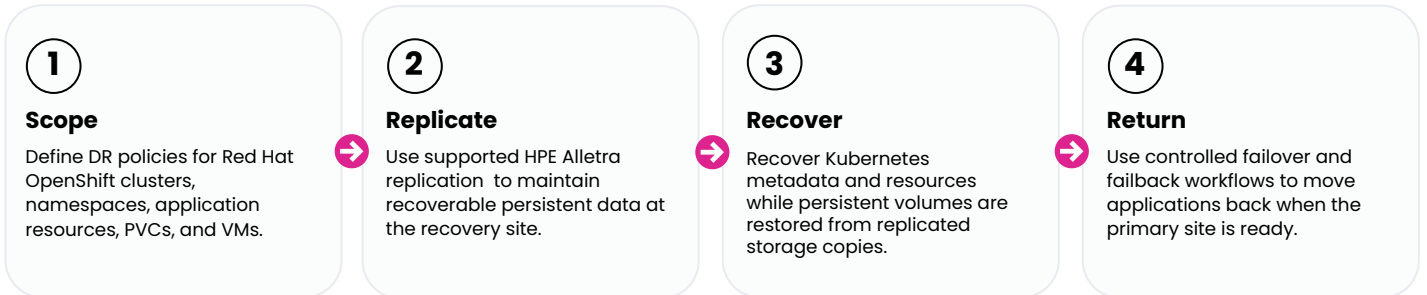
Certified Technology

Storage-integrated disaster recovery for OpenShift applications and VMs

CloudCasa extends Red Hat OpenShift protection and recovery workflows with storage-integrated disaster recovery for Kubernetes applications and OpenShift Virtualization workloads. By combining CloudCasa's Kubernetes-aware orchestration with native storage replication from supported enterprise storage platforms, organizations can recover applications and data without relying solely on traditional backup restores.



Repeatable recovery workflow



Lower RTO for stateful OpenShift applications

CloudCasa DR reduces recovery time by using remote volume replication instead of rebuilding persistent volumes solely from backup data.

Coordinated OpenShift Recovery

Recovery workflows can target namespaces and workloads, associate replicated persistent volumes with the recovery cluster, apply metadata updates and custom resource transformations, and reduce manual recovery steps. sequence application startup to reduce manual intervention.

VM and container protection together

Red Hat OpenShift customers can protect container applications and virtual machines under a consistent operational model with coordinated recovery across Kubernetes and VM workloads.

Multi-cluster operations

CloudCasa centralizes protection policies, recovery workflows, and operational visibility across multiple clusters while supporting multi-team and multi-tenant environments.

CloudCasa unifies data protection and disaster recovery for Red Hat OpenShift on HPE Alletra

CloudCasa delivers the most cost-effective data protection and storage-integrated disaster recovery for Red Hat OpenShift environments using HPE Alletra storage. It enables automated, repeatable recovery with centralized operations, immutability, granular recovery, and coordinated disaster recovery across containerized and virtualized workloads.

Try CloudCasa for free

