



SUSE



cloudcasa

HPE

Solution Flyer

SUSE Rancher Prime and CloudCasa DR

Powered by HPE Alletra Storage MP B10000

Modern microservices and hybrid cloud workloads demand more than legacy tools. By combining the power of SUSE Rancher Prime, CloudCasa DR, and HPE Alletra Storage, enterprise IT teams can achieve a fully integrated, cost-effective platform for Kubernetes management, data protection, and automated disaster recovery. This integrated solution unifies virtual machine (VM) and container management while delivering true disaster recovery (DR) that replaces slow, manual backup-based restores with high-performance storage replication and automated failover.

ANY MODERN
APP OR VM



MongoDB.



Jenkins

PostgreSQL

kafka



1 DATA PROTECTION
Backup for containers and VMs

2 DISASTER RECOVERY
High availability, Failover

2 APPLICATION MOBILITY
Cross-cloud migration

SUSE Virtualization

SUSE Rancher Prime

ANY
ENVIRONMENT



On-premise



Public Cloud



Edge

Automated Storage-Level Replication for Near-Zero RPO

By leveraging HPE Alletra Storage MP B10000, the solution provides synchronous or periodic native storage replication to your disaster recovery site. Because replication happens natively at the storage layer, no data movement is required during failover, delivering near-zero data loss for your Kubernetes applications and virtual machines

Rapid Recovery via HPE CSI Integration:

CloudCasa integrates directly with the HPE CSI Driver for Kubernetes to automatically provision and import replicated volumes during failover and failback operations. This automated workflow eliminates the need for slow, manual restore scripts or rebuilding from backups, resulting in a minutes-level Recovery Time Objective (RTO)

Unified "Single Pane of Glass" Management

CloudCasa provides a single pane of glass for backup, recovery, and DR across environments managed by SUSE Rancher Prime and SUSE Virtualization. Through native integration, administrators can deploy agents, configure policies, and centrally manage protection for containerized and VM workloads across clusters.

Container and VM Orchestration with Failover and Failback

The joint solution enables declarative disaster recovery plans for namespaces, applications, and VM groups, with coordinated failover and recovery workflows. It also supports bidirectional disaster recovery with reverse replication for safe failback and re-synchronization to the primary site.



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Why SUSE Rancher Prime, CloudCasa DR and HPE Alletra

Modern Disaster Recovery for Kubernetes



SUSE Rancher Prime

Enterprise Container and VM Management

Streamlined Kubernetes and VM Management

Unified, consistent Kubernetes and virtual machine management, simplifying IT operations and supporting cloud native and traditional workloads.

Trusted and Secure

Centralized security, policy, and user management, secure supply chain, and trusted delivery.

Enterprise Lifecycle and Support

Consistent release cycles, enterprise lifecycle management, priority support and services.

Freedom to Choose

Support for any CNCF Kubernetes distribution, on-premises, in the cloud, and at the edge.



cloudcasa by Catalogic

CloudCasa DR & HPE Alletra



Data Transfer

Native storage replication; no data movement at failover or failback.

Time To Recover (RTO)

Minutes-level RTO via orchestrated failover or failback automation.

Recovery Method

True DR with replicated storage and live orchestration.

Protection Scope

Single platform for Kubernetes apps and KubeVirt VMs.

Failover Automation

Automated failover and failback with workflow guardrails.



Learn more



<https://cloudcasa.io/cloudcasa-for-dr/>

SUSE is a global leader in innovative, reliable, secure enterprise-grade open source solutions, relied upon by more than 60% of the Fortune 500 to power mission-critical workloads. We specialize in business-critical Linux, enterprise container management and edge solutions, and collaborate with partners and communities to empower our customers to innovate everywhere – from the data center, to the cloud, to the edge and beyond. SUSE gives customers the agility to tackle innovation challenges today and the freedom to evolve their strategy and solutions tomorrow.

CloudCasa by Catalogic provides secure, scalable, and cost-effective backup, disaster recovery, and migration for Kubernetes environments. With SaaS and self-hosted deployment options, it offers policy-driven protection, RBAC, immutable backups, and multi-cluster management across cloud, on-premises, and hybrid infrastructures. CloudCasa ensures seamless backup, restore, and workload mobility, making Kubernetes data protection simple and efficient.

HPE is a leader in essential enterprise technology, bringing together the power of AI, cloud, and networking to help organizations achieve more. As pioneers of possibility, our innovation and expertise advance the way people live and work. We empower our customers across industries to optimize operational performance, transform data into foresight, and maximize their impact. Unlock your boldest ambitions with HPE.

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