cloudcasa
by Catalogic

DATASHEET

RED HAT OPENSHIFT · BACKUP, MIGRATION AND DR

CloudCasa for Red Hat OpenShift

Data protection for containers and virtual machines, from a single cluster to a hybrid fleet
hybrid fleet

Red Hat OpenShift runs containers and, with Red Hat OpenShift Virtualization, virtual machines on one Kubernetes platform. **CloudCasa protects both.** It backs up Kubernetes resources, persistent volumes and VMs, restores them at the level you need, and migrates them between clusters and clouds. It covers Red Hat OpenShift Container Platform, Red Hat OpenShift Service on AWS (ROSA), Azure Red Hat OpenShift (ARO) and Red Hat OpenShift Virtualization, and runs as managed SaaS or self-hosted on your own infrastructure.

KEY FEATURES AND BENEFITS

What Red Hat OpenShift teams get

Certified for Red Hat OpenShift

Install the CloudCasa agent from OperatorHub with the Red Hat certified Operator, or use the certified Helm chart. The Operator keeps the agent up to date. Start protecting workloads in under 10 minutes.

Containers and VMs in one place

Protect Kubernetes resources, persistent volumes and Red Hat Red Hat OpenShift Virtualization VMs with the same policies. policies. CloudCasa discovers VMs automatically and backs up backs up filesystem- and block-mode disks.

Encrypted and immutable backups

CloudCasa encrypts data in transit and at rest. On paid plans, recovery points can sit on S3 Object Lock or Azure immutable Blob storage, and SafeLock blocks their deletion until retention expires.

Restore only what you need

Recover a namespace, a resource, a PVC, a VM or a single file. file. Restore to another cluster or cloud and remap StorageClasses StorageClasses as you go.

DR on the storage you already run

CloudCasa DR for Storage, an add-on for SaaS and self-hosted subscriptions, orchestrates failover and failback using replication on HPE Alletra MP B10000, HPE Alletra Storage 9000, Dell PowerStore or SUSE Storage.

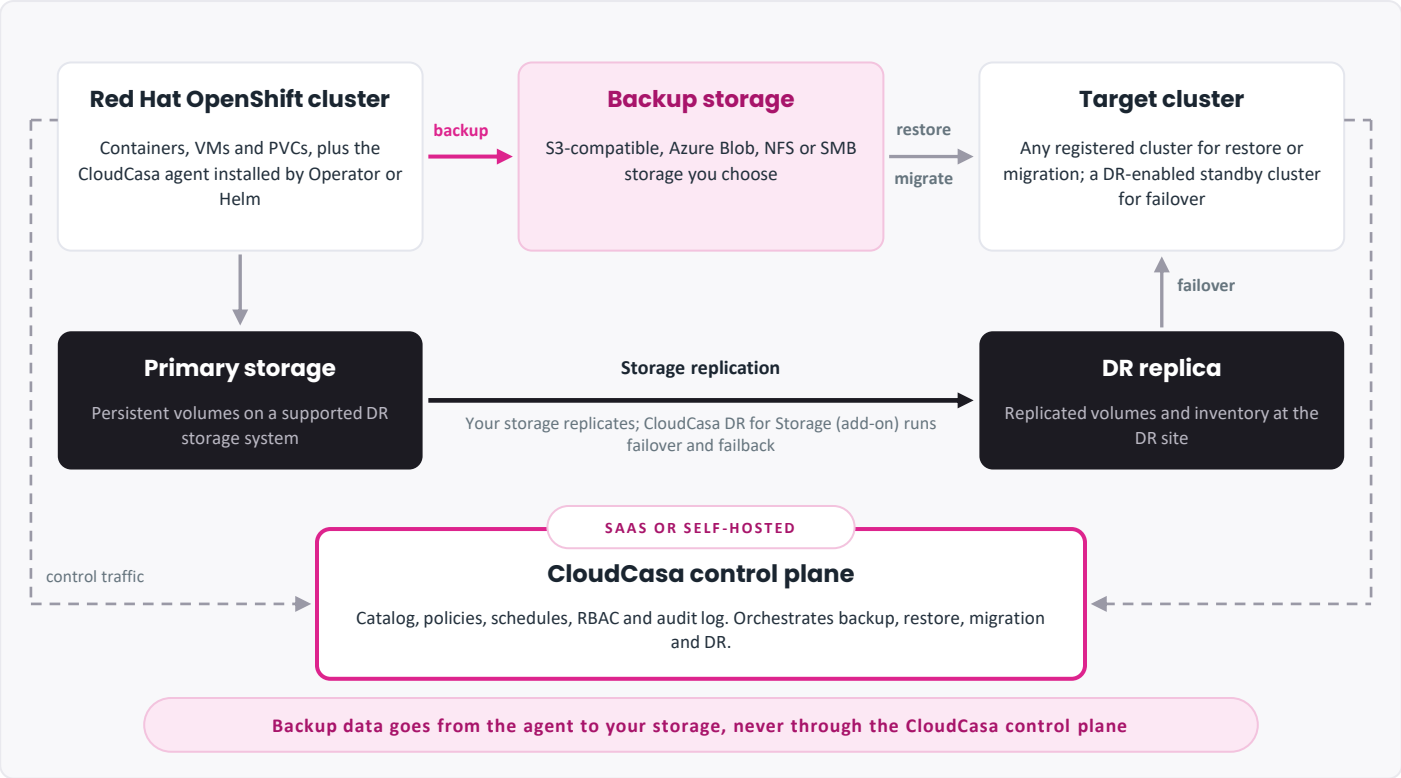
SaaS or self-hosted

Use the managed SaaS control plane, or run CloudCasa self-hosted on your own infrastructure for air-gapped and data-sovereignty requirements. Backups go to storage you choose.

HOW IT WORKS

One agent per cluster, data on storage you choose

The CloudCasa control plane orchestrates every job. Backup data moves between your clusters and your storage; DR uses the replication your storage already runs.



DETAILED CAPABILITIES

Capabilities by area

Keep data secure and available

- **Immutable backups:** S3 Object Lock or Azure immutable Blob on your storage, plus SafeLock deletion protection (paid plans)
- **Encryption:** in transit and at rest
- **Access control:** ADMIN, USER and custom roles, assigned to users or user groups; MFA; SSO as a SaaS add-on, LDAP or OIDC sign-in on self-hosted
- **Audit log:** create, update and delete actions, exportable as JSON or CSV

Automate protection

- **Policy-driven backup:** schedules and retention defined once and applied across clusters
- **Snapshots and copies:** CSI snapshots, including Red Hat OpenShift Data Foundation (Ceph); PV copies to object or file storage
- **App Hooks:** pre- and post-backup commands for databases, with templates
- **API and MCP:** REST API keys for CI/CD; read-only MCP server for AI tools

Streamline operations

- **Certified install:** Red Hat certified Operator from OperatorHub, or the certified Helm chart
- **One console:** Red Hat OpenShift, ROSA, ARO and other Kubernetes 1.20+ clusters side by side
- **VMs page:** every VM across your clusters, with its running state and guest-agent status
- **Cluster state:** documented etcd snapshot workflow for cluster-level recovery

Recovery, migration and DR

- **Granular restore:** namespaces, resources, PVCs and VMs; files from PVs from PVs and from VM Copy recovery points
- **Cross-cluster and cross-cloud:** restore or migrate with namespace rename and StorageClass remapping
- **DR for Storage (add-on):** failover and failback on HPE Alletra MP B10000, HPE Alletra Storage 9000, Dell PowerStore or SUSE Storage
- **VM changed block tracking:** Preview on Red Hat OpenShift 4.22+, not yet for production

DEPLOYMENT OPTIONS

SaaS or self-hosted

Both run the same product with the same agent on your clusters. The difference is where the control plane runs and who operates it.

MANAGED SERVICE

CloudCasa SaaS

- Managed control plane operated by Catalogic Software on Software on AWS; nothing to install or patch on the control-control-plane side
- $69 per worker node per month on an annual subscription
- SafeLock deletion protection and immutable storage support included
- SSO with SAML or OIDC identity providers as an add-on

YOUR INFRASTRUCTURE

CloudCasa self-hosted

- Control plane installed on your own Kubernetes 1.27+ or Red Hat OpenShift 4.14+ cluster
- Fits air-gapped, regulated and data-sovereignty environments
- Annual per-worker-node subscription with custom pricing
- SafeLock deletion protection; immutable storage on your own S3 Object Lock or Azure immutable Blob
- Sign-in through LDAP, Active Directory or OIDC

BOTH

No limit on worker nodes, clusters or retention · 24x7 support · REST API for automation · backup to S3-compatible, Azure Blob, NFS or SMB storage · CloudCasa DR for Storage available as an add-on

START HERE

60-day free trial

CloudCasa SaaS, no payment details

5 worker nodes

30 days retention

3 users per organization

Not in the trial: SafeLock, Object Lock, DR for Storage, self-hosted deployment, email and 24x7 support.

WHY CLOUDCASA FOR RED HAT OPENSHIFT

Red Hat certified

Operator and Helm chart in the Red Hat Ecosystem Catalog

Kubernetes-native

Protects resources, PVs and KubeVirt VMs as Kubernetes objects

Published pricing

$69 per worker node per month list price for CloudCasa SaaS on an annual subscription

TRY IT NOW

See CloudCasa on your own Red Hat OpenShift clusters

Request a demo | Start the free trial | Ask about self-hosted

cloudcasa.io/partners/red-hat-openshift · casa@cloudcasa.io · docs.cloudcasa.io

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