



CloudCasa

Kubernetes Data Protection and Application Resilience

*Cloud-native backup, application migration,
and disaster recovery*

**Data Protection - Disaster Recovery - Migration -
Replication - Velero Management**

Introducing CloudCasa Self-hosted

CloudCasa self-hosted is a versatile and cost-effective backup solution for Kubernetes, cloud databases, and cloud-native applications. Hosted on your infrastructure, it's ideal for air-gapped environments, CSPs, and MSPs. CloudCasa offers multi-cluster, multi-cloud backup, disaster recovery, migration, and replication—extending protection from the data-center to the cloud and the edge.

The CloudCasa for Velero feature integrates the simplicity of CloudCasa with Velero's open-source capabilities, enabling centralized configuration, monitoring, and management of Velero backups through a unified dashboard.

Key Features and Highlights



Protect Kubernetes Resources

- All Kubernetes cluster resources and persistent volumes.
- Amazon RDS databases and Aurora clusters.
- Self-service backup and restore with Clastix Capsule multi-tenant clusters.



Runs on Your Own Infrastructure:

- Ideal for air-gapped and highly regulated environments.
- Securely encrypts data in transit and at rest.
- Integrates with enterprise authentication for single sign-on (SSO).



Unified Management

- Manages protection for multi-cluster, multi-cloud, and hybrid cloud environments from a single pane of glass.
- Securely encrypts data in transit and at rest.
- Cloud-aware integration for AWS, Azure, and GCP.



Broad Compatibility, Including VMs Support

- Kubernetes distributions including Red Hat OpenShift (including ROSA and ARO), SUSE Rancher, and VMware Tanzu.
- Kubernetes cloud services: AKS, EKS, GKE, DigitalOcean, IBM Cloud, OKE, and OVHcloud.
- KubeVirt VMs on OpenShift Virtualization and SUSE Virtualization (Harvester).



Migration and Disaster Recovery

- Cross-cluster, cross-account, and cross-cloud restores for migration and DR.
- Provides migration and replication jobs to simplify cluster and application migration.



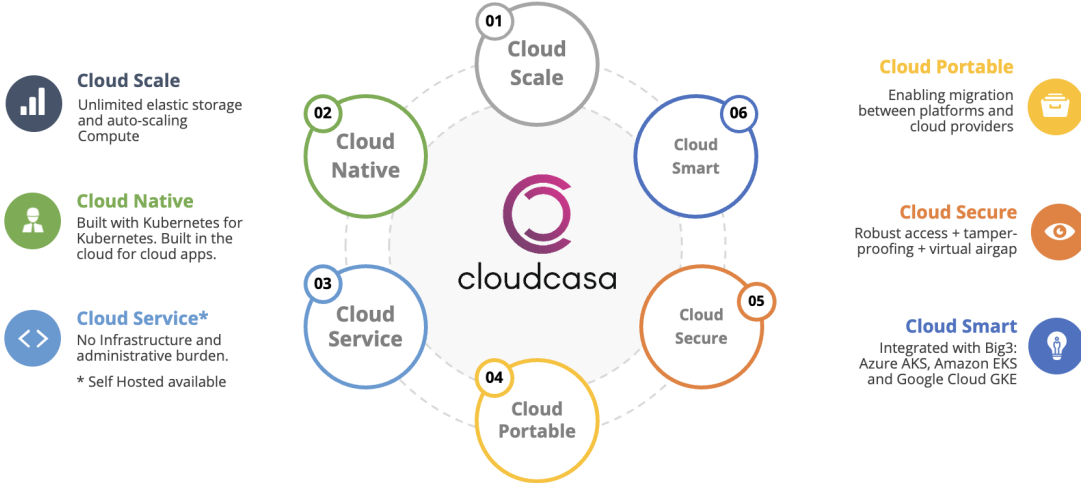
Velero Management

- Additional open-source compatible features provide management of existing Velero installations, including multi-cluster configuration, monitoring and guided recovery.

CloudCasa Backup Storage

The following object storage services have been tested with CloudCasa and are fully supported: Amazon S3, Azure Blob, Backblaze B2, DigitalOcean Spaces, Google Cloud Storage, DataCore, Hitachi, OCI Object Storage, OVHcloud Object Storage, Dell ECS, MiniIO, Nutanix and Wasabi.

Why CloudCasa



CloudCasa Enterprise Self-Hosted: Core Offerings

Comprehensive Backup, Recovery and Migration

- Backup of all cluster resources.
- Snapshots and/or backups of persistent volumes (PVs).
- Application hooks for pre-backup, post-backup, and post-restore actions.
- Migration and replication jobs.

Cluster and Application Management

- Manage an unlimited number of clusters.
- Optional Velero management features, including multi-cluster management with guided recovery, monitoring, alerting, reporting, and centralized logging.

Advanced Database Protection

- Protection of Amazon RDS databases, including scheduling and management of snapshots and point-in-time recovery.

Flexible Storage Options

- Use your own local or cloud-based object storage for backups.
- Support for immutable storage (e.g., S3 Object Lock).
- Unlimited retention times.

Enhanced Security and Access Control

- Customizable role-based access control (RBAC).
- Unlimited number of user logins per organization.
- API access for automation and CI/CD integration.

Support and Scalability

- Includes standard support with an upgrade option to 24x7 support.

CloudCasa Enterprise Self-hosted is available via yearly or multi-year subscription. [Contact us](#) for pricing and further details.

CloudCasa Pro - Requirements and Compatibility

CloudCasa is designed for broad compatibility and flexibility, ensuring smooth integration with diverse Kubernetes environments and cloud platforms. Below are key requirements and guidelines for its deployment:

- **Kubernetes Compatibility:** Kubernetes version 1.20 or higher, with support for major distributions (e.g., Red Hat OpenShift, SUSE Rancher, VMware Tanzu) and cloud services (e.g., AKS, EKS, GKE, DigitalOcean).
- **Agent Installation Options:** Install via Kubectl CLI (custom YAML files) or Helm Chart from GitHub.
- **Permissions and Network:** Requires admin access to clusters, kubectl CLI/Helm, outbound network access to the CloudCasa server (port 443), and reachable object storage for backups.
- **Cloud Integration:** AWS, Azure, and GCP support with minimal required permissions.
- **Server Setup:** Deploy the CloudCasa server on a separate Kubernetes cluster (version 1.28+ recommended) using Helm 3.

For further questions or specific setups, [CloudCasa support](#) is available to assist.



Watch
a Video

TRY IT NOW



Contact
Us