

TrilioVault and Mirantis Cloud Platform

The Smart Solution for Business Data Protection and Recovery



Introduction

Trilio, the creators of the first and only comprehensive data protection platform native to OpenStack, is a preferred provider of backup and recovery solutions for Mirantis Cloud Platform, offering enhanced data retention, protection, and integrity for workloads running on OpenStack. Organizations that rely on Mirantis for their OpenStack deployments can have confidence knowing that tenants backed by the TrilioVault application and data recovery solution will enjoy greater resiliency and operational efficiencies.

OpenStack Benefits

OpenStack transforms traditional data centers into software-defined infrastructure (networking, storage, essentially SD-everything). The widespread adoption of OpenStack has made cloud infrastructure a source of competitive advantage.

Overcoming Challenges

Once an OpenStack application goes into deployment, backup and recovery—along with comprehensive data protection—become a key business requirement. This issue is becoming a significant obstacle for business units to embrace and release business critical applications

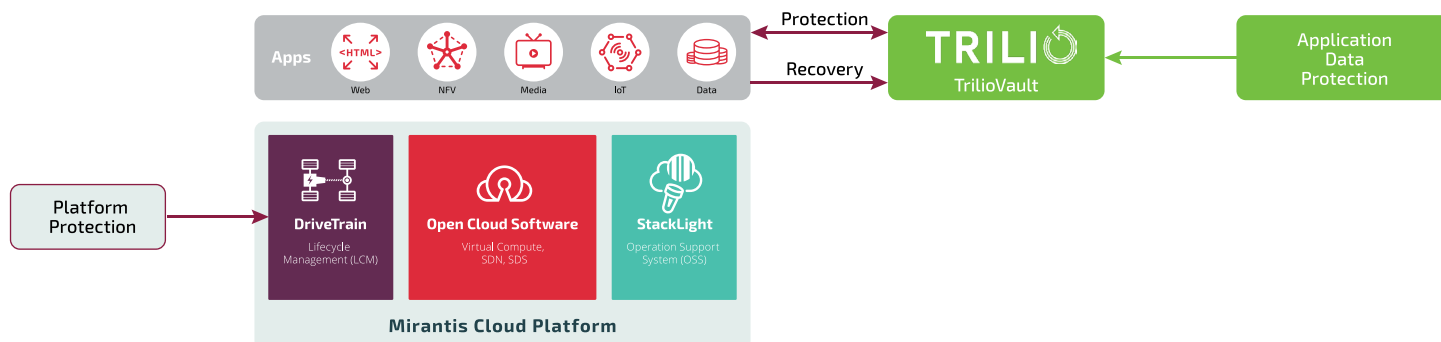
on OpenStack. More forward-looking DevOps groups are recognizing this and are building data protection solutions into their environments at the beginning of their OpenStack journey.

TrilioVault

TrilioVault is the industry's first native backup and recovery solution for OpenStack. Developed out of Raksha – the first data-protection-as-a-service specification for OpenStack – and authored by Trilio's founders, TrilioVault was designed and built from the ground up specifically for OpenStack. Adhering to the characteristics required by cloud environments, TrilioVault's flexible, fault-tolerant, forever scalable solution provides seamless self-service, multi-tenant, policy-based comprehensive backup and rapid recovery of workloads running in OpenStack. Deployment can happen at any point in the journey and is completely non-disruptive.

Mirantis

Mirantis Cloud Platform (MCP) is an agile, operations-centric infrastructure platform that offers new capabilities in the areas of cloud DevOps and OSS (Operations Support Systems). MCP is built towards



our vision of the Continuously Delivered Cloud, which features a single platform for virtual machines, containers and bare metal; that is delivered by a CI/CD pipeline for operational simplicity; and provides continuous monitoring for maximum availability.

MCP includes OpenStack (for bare metal and VM compute), Kubernetes (for containers), Ceph (block and object storage), OpenContrail and Calico SDN, along with the DriveTrain lifecycle management system and StackLight OSS.

TrilioVault and Mirantis Cloud Platform Together

The combination of Trilio's TrilioVault and Mirantis Cloud Platform enables seamless self-service, multi-tenant, policy-based comprehensive backup and recovery of workloads running on OpenStack. The solution captures environmental points-in-time (application, OS, compute, network, configurations,

security groups, data and metadata of an environment) as full or incremental snapshots. These snapshots can be held in a variety of storage environments including NFS, Swift and 3rd party arrays.

With TrilioVault's single-click recovery, organizations not only improve Recovery Time Objectives (RTO) and Recovery Point Objectives (RPO), but also can have the confidence of migrating legacy applications and workloads into production environments with no fear of data loss. IT departments can fully deploy OpenStack solutions and provide business assurance through enhanced data retention, protection and integrity.

To request a demo of TrilioVault, please visit:
www.trilio.io/request-demo/

TrilioVault for OpenStack

