CIRRUS DATA CLOUD DR | DISASTER RECOVERY SOLUTION SHEET

Cirrus Data Cloud Disaster Recovery

Protect. Recover. Repeat.

Enterprise Disaster Recovery Without Hypervisor Lock-In

Most disaster recovery products were built to protect a specific hypervisor, storage platform, or cloud architecture. Cirrus Data Cloud DR was built to protect your business. Cirrus Data's new **cross-platform DR solution** helps customers protect and recover workloads completely independent of platform and platform-based restrictions.

Cirrus Data is renowned for delivering data mobility solutions that operate independently of the hypervisor, storage array, or cloud provider. **The same patented technology platform, proven across 4,000+ enterprise migrations with more than 1 exabyte of data moved, now includes workload protection and recovery.**

Cirrus Data Cloud DR offers fast, simple, secure, and automated disaster recovery, with proprietary block-level change tracking, production-aware traffic control, central management at enterprise scale, and recovery configurations that operators can customize, automate, and test on demand.

How Cirrus Data Cloud DR Works

Cirrus Data Cloud DR, available through the self-hosted Cirrus Data Cloud Private Edition platform, follows a simple, repeatable architecture for protecting supported workloads across heterogeneous environments. The software, configurable via DROps Recipes described in YAML and powered by patented Transparent Datapath Intercept (TDI) technology, runs on the protected source host at the block level, while a lightweight helper virtual machine (VM) or instance in the recovery environment receives ongoing synchronization.

After the initial synchronization is complete, Cirrus Data Cloud DR continues to track block-level changes and to create recovery points from completed replication passes. When a DR test or DR event occurs, the software activates the selected recovery point by preparing the restored volumes and workload in the recovery environment according to the activation configuration. Teams can define separate activation configurations for testing, planned failover, or emergency recovery.

Disaster Recovery Highlights

- Protect and recover supported workloads without hypervisor lock-in
- Patented host-level, block-layer technology proven across 4,000+ migrations and 1+ exabyte of data moved
- Production-aware iQoS™ adjusts replication in real time
- Customer data never passes through Cirrus Data infrastructure
- One console and one operations model for large-scale DR management
- Customizable activation configurations for DR testing, planned failover, and emergency recovery
- Automation-ready DR workflows through reusable DROps recipes
- Built on the same Cirrus Data Cloud platform used for enterprise data mobility and workload migration

3 Major Phases of DROps Recipe

1. **DR Preparation** provisions the recovery-side resources and helper VM used to receive data from the protected workload.
2. **Recovery Point Operations** create destination-native volume snapshots of the synchronized workload
3. **DR Activation** restores data from a selected recovery point and starts the recovered workload in the destination environment.

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Privacy-First Protection by Design

On the Cirrus Data Cloud Private Edition platform, your data never passes through Cirrus Data infrastructure, and you never need to expose your infrastructure to any external endpoints. Cirrus Data Cloud DR separates management traffic from replication traffic, helping customers maintain control over their data, infrastructure, and recovery environment. Replication moves directly between the protected source host and the helper VM or instance in the recovery environment using a secure Host-to-Host connection with encryption, data reduction, optional compression, relay support, and centralized traffic control.

Recovery That Moves with Your Hypervisor Strategy

Cirrus Data Cloud DR gives customers the freedom to protect and recover supported workloads without locking recovery to one hypervisor, storage array, or cloud platform. Customers can protect supported Windows and Linux workloads across different environments and block storage types, including virtual disks, VMware RDMs, directly connected iSCSI storage, and software-defined storage presented through host agents. Recovery should not force businesses to stay with a platform that no longer fits their strategy. Cirrus Data Cloud DR does not depend on the platform or storage a given workload runs on. Each replication pass creates a consistent recovery point across all protected volumes of the source host, captured as a destination-native volume snapshot. Customers gain a repeatable, testable recovery process on the hypervisor and recovery platform that best fit their environment.

The Cirrus Data Difference

- Centralized project management as one self-hosted platform (Cirrus Data Cloud Private Edition) providing visibility, orchestration, automation, reporting, licensing, and support workflows.
- DROps configuration-as-code recipes to define protection plans, synchronization settings, and recovery configurations as YAML, making automation simple via UI, REST API, or MCP Server with AI agent of choice.
- TDI Technology based software installed on protected hosts to synchronize and track block-level changes. No firewall or architecture changes required, as your infrastructure is never exposed to external endpoints.
- Intelligent Quality-of-Service (iQoS™) feature to monitor storage bandwidth in realtime, so customers can configure settings to prioritize application performance, accelerate synchronization when capacity is available, and reduce the risk of replication competing with production workloads beyond configured limits.

Ready for DR, Flexible for Tomorrow

As part of the Cirrus Data Cloud family, Cirrus Data Cloud DR is a disaster recovery solution that uses the same familiar Cirrus Data Cloud dashboard. It is an entry point to the broader Cirrus Data Cloud data mobility platform. When the organization is ready for a storage refresh, a data center consolidation, a cloud move, or a hypervisor migration, the same platform and same console can deliver automated data mobility through Cirrus Migrate Cloud, MigrateOps™, and patented cMotion™ cutover technology. Customers who start with Cirrus Data Cloud for DR are already one step into a complete, proven data mobility platform.

Available Now

Cirrus Data Cloud DR is available today.
To request a demo, visit www.cirrusdata.com/cirrus-data-cloud-disaster-recovery.

ABOUT CIRRUS DATA

Cirrus Data Solutions Inc. (CDS) is a global leader in automated data mobility technology and services. CDS distributes its solutions through systems integrators, managed service providers, channel resellers, and partners, including Dell Technologies, Microsoft, AWS, and many others. CDS works closely with Global Systems Integrators (GSIs), including Accenture, HCL, Kyndryl, TCS, Capgemini, and others. The company's flagship data mobility-as-a-service offering, Cirrus Migrate Cloud, is also available on the Microsoft Azure Marketplace and Amazon Web Services (AWS) Marketplace. CDS is headquartered in Syosset, New York. It also has sales and support offices in Atlanta, Chicago, New York, Dallas, Denver, London, Melbourne, Munich, and Tampa.

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