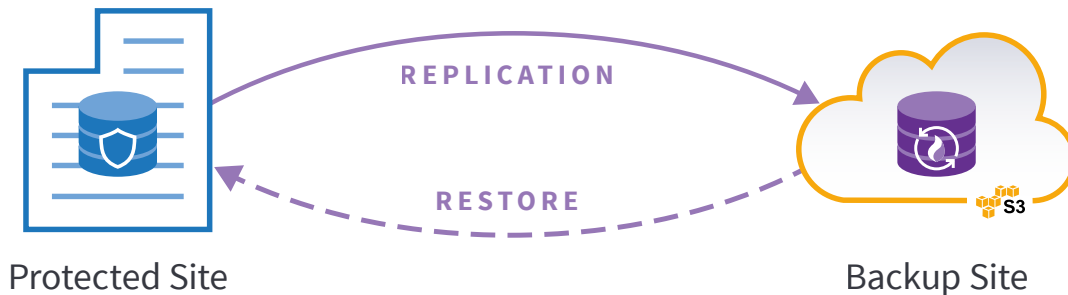


Datrium Cloud Backup

Cloud Backup for DRaaS and DVX

DATASHEET



Key Benefits

SaaS Backup Built into Datrium DRaaS

- Converged DR and Backup
- Schedule backups every few minutes, every hour or every day
- Self-healing, fully managed, SaaS-simple

Rapid Ransomware Recovery

- Instant recovery of VMs from S3 to VMware Cloud on AWS
- No rehydration – Live Mount Failover
- No VM conversion to other formats
- Over a million recovery points for DRaaS, >10M for supplemental backup

Cost-Effective

- Always-on data reduction (deduplication and compression)
- Forever-incremental backup bandwidth
- Low-cost S3 storage
- Low egress recovery

Flexible Protection

- Scale to petabytes
- Good for DR or non-DR use cases
- Works for any VMware workload

Long-Term Retention

- Retention period of months or years
- Searchable, SaaS backup catalog for easy retrieval

Easiest, Most Efficient SaaS Backup Service in the Public Cloud

Storing backups offsite is a required best practice of IT data protection. Cloud is becoming the natural place to store them. Cloud Backup overcomes the historical obstacles to cloud backup management, enabling forever-incremental, fully deduplicated, and compressed data transfers for straightforward and automated recovery of VMs, guest files, or whole data centers.

SaaS Backup Built into Datrium DRaaS

Cloud Backup is automatically included with Datrium DRaaS and eliminates the need for point backup solutions, which simplifies operations and reduces cost. Backups can be scheduled every few minutes, every hour, every day – whatever frequency makes sense for your business. Even if an Availability Zone (AZ) becomes unavailable, Cloud Backup will automatically restart in a different Availability Zone to give you complete access to your data.

Cost-Effective

Always-on data reduction (deduplication and compression) and forever-incremental backups reduce S3 storage costs per month and egress recovery costs. Only changed blocks are transferred across the WAN when storing and retrieving data.

Rapid Recovery from Ransomware and Disasters

As a component of Datrium DRaaS, Cloud Backup enables instant recovery of VMs directly from AWS S3 to VMware Cloud on AWS. VMs are stored in their native format, eliminating brittle VM conversions and lengthy rehydration periods. Each instance of Cloud Backup can manage over a million backups, allowing a deep set of recovery points for situations ranging from operational file recovery to ransomware protection.

Flexible Protection

Save backups for either DR or non-DR use cases. Cloud backup protects any VMware workload running on-premises or in the cloud, and it scales to petabytes of capacity

Long-Term Retention

Retain backups for years or months in low-cost AWS S3. Easily retrieve backups from the SaaS backup catalog.

Service Platform

Clouds Supported

- AWS
- For DRaaS: VMware Cloud on AWS

Credential and Billing Options

- AWS
- Datrium direct

The Bottom Line

With Cloud Backup, long-term backup vaulting is invisible and cost-efficient, provides rapid ransomware recovery with instant RTO, and flexible protection for DR and non-DR use cases.

With global data efficiency, granular object management, end-to-end security, and massive consolidation of on-premises infrastructure into an on-demand converged cloud backup and DR offering, customers can realize dramatic TCO savings while exceeding their RTO and RPO objectives.

Cloud Backup Quick Specifications

Public Cloud	AWS
Cloud Backup specifications per instance	Resources managed by Datrium: EC2 – 1 i3.xlarge, i3.4xlarge, or i3.8xlarge depending on capacity (5 – 230 TB of S3 capacity holding globally deduped and compressed snapshots), S3 standard (replicated across 3 Availability Zones), DynamoDB
Instances and Fanning	A DRaaS account includes one Cloud Backup instance, which can support up to 20 DRaaS Connect instances on premises as well as up to 10 DVX DHCI systems on premises. Up to 9 additional Cloud DVX instances can be added for backup vaulting only (for the same account) for DVX systems as part of the Cloud Backup service.
Data Efficiency	Global dedupe and compression across originating streams, systems, and objects within a Cloud Backup instance. Replication to DRaaS Connect instances on premises is based on compressed, forever-incremental, changed blocks; with DVX, additional WAN optimization is provided through dedupe on the wire.
Retrieval Granularity	Guest Files, Virtual Disks, OVAs, ISOs, or Virtual Machines
Security	Always-on SSL for WAN replication, S3 envelope encryption (AWS). No VPN required.