

Datrium Cloud Backup



SPEC SHEET

Cloud Backup is fully managed software as a service (SaaS) from Datrium. It provides an on-demand, secure offsite datastore for backup and DR images on low-cost Amazon Web Services (AWS) S3 storage. Cloud Backup is a key component of Datrium DRaaS with VMware Cloud on AWS. It can also serve as additional backup capacity for efficient storage of non-DR images on S3.

Storing backups offsite is a required best practice of IT data protection. The public 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 simple and automated recovery of VMs, guest files, or whole data centers.

Cloud Backup Features	Specs
Software licensing	Sold in 5 TB increments with 1, 3, or 5-year subscription options
Maximum capacity	Up to 230 TB Note: If installed in a customer-maintained AWS account, the following EC2 instances are required for the indicated capacity limits: <ul style="list-style-type: none">• i3.xlarge - up to 30 TB• i3.4xlarge - up to 115 TB• i3.8xlarge - up to 230 TB
Maximum instances per DVX	10
Restore Speed	
Deduplicated transfers to/from cloud minimize size of data transfer and minimize egress	✓
Granular restores from cloud backup (guest files, virtual disks, VMs, set of VMs)	✓
Direct restores to primary storage and instant power-on (no rehydration step)	✓
Efficiency	
Always-on inline deduplication and compression to cloud object storage (AWS S3)	✓
Forever-incremental replication to the cloud	✓
Global deduplication across all replication to a Cloud DVX instance within Cloud Backup	✓
Resiliency	
Automated self-healing from failures in AWS via Lambda automation	✓
Automatically recover from EC2 or AZ failures	✓
Management, Analytics, and Support	
Automated deployment and configuration in AWS	✓
Automated AWS upgrades	✓
Automated telemetry monitoring and proactive support	✓
Security	
End-to-end data security from on-premises data center to cloud storage	✓