

# Datrium Cloud DVX



Datrium Cloud DVX is a service that enables cost-effective backup of DVX snapshots in Amazon Web Services (AWS) S3 object stores. Leveraging the power of Automatrix technology, all data transfers are forever-incremental, fully deduplicated, compressed and secure when they're in the cloud. That reduces cloud costs by up to 10x compared to other approaches that send full backups and don't support cross-site or system deduplication. Also, all AWS deployment, configuration, management and failure handling is managed for the customer by Cloud DVX, greatly simplifying set-up and ongoing maintenance. Cloud DVX is available as a standalone SaaS offering or as a component of Datrium DRaaS.

## Key Features

Cloud DVX Features	Specs
Software licensing	Sold in 5 TB increments with 1, 3, or 5-year subscription options
Maximum capacity	Up to 115TB 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"> <li>• i3.xlarge - up to 30 TB</li> <li>• i3.4xlarge - up to 115 TB</li> </ul>
Maximum instances per DVX	10
Restore Speed	
Deduplicated transfers to/from cloud minimize size of data transfer and improve speed	✓
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 sites in the cloud (forever-incremental replication to object storage)	✓
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	✓