Druva AWS Data Protection

Druva protects your business-critical Amazon Web Services (AWS) applications and data at an enterprise scale. Built on AWS, Druva's 100% SaaS solution delivers global visibility, simplified management, and autonomous data resilience for your organization's AWS environment.

Druva is the only 100%-cloud solution that combines snapshots, backup, and DR at the enterprise scale. Customers can simplify snapshot orchestration, reduce storage costs by up to 40%, and protect against ransomware with secure, air-gapped backups.

Enterprise-scale data protection for native AWS environments

Why Druva?

Globally accessible backup and disaster recovery

With enterprise-scale snapshot orchestration, backup, and disaster recovery for your AWS environment, you can ensure business continuity and compliance across multiple AWS regions, and accounts.

Delivered 100% "as-a-Service," built on AWS

Protect your data with a self-managed, SaaS solution designed for infinite scale, security, and flexibility — No servers, patching, or updates required!

Optimize your AWS storage costs

Automatically archive snapshots to the lower-cost EBS Snapshots Archive tier, and save up to 40% on storage costs by eliminating unnecessary cross-region/account snapshot copies with air-gapped backups to Druva Cloud.

Supported AWS resources

AWS IaaS

- Amazon EC2
- Amazon EBS

Mitigates risk by simplifying the day-to-day data protection of cloud-native AWS workloads via snapshots and air-gapped backups.

AWS databases

- Amazon RDS
- Amazon Aurora
- Amazon DynamoDB
- Amazon Redshift
- Amazon DocumentDB
- Amazon Neptune

Protect your business-critical data across multiple AWS database services to keep it safe, secure, and readily available.

Cloud-hosted databases

- MySQL
- PostgreSQL
- Oracle
- MS SQL Server
- MariaDB
- NoSQL

Get comprehensive data protection for databases running on AWS cloud services including lift-and-shift databases running on Amazon EC2.

Key features

AWS backup and recovery

- Flexible, global policies and schedules
- Backup and recovery of AWS volumes and instances
- Scalable, cloud-native protection of lift & shift workloads (Oracle, SQL, and File Servers)
- Cross-region and cross-account snapshots
- Application-consistent snapshots
- Instant, granular recovery at a file level
- Full app group protection of Kubernetes on AWS

AWS cyber resilience

- Air-gapped backups for ransomware protection
- Enable a Data Lock on retention
- Manual deletion prevention
- Amazon EBS recycle bin integration
- Encrypts data in-flight and at rest (AES-256)

AWS disaster recovery

- Fast 1-click restore from any outage
- Cross-region and cross-account recovery
- Configure and schedule custom DR plans
- Clone VPCs, subnets, security groups, and more
- Automated DR plan testing
- DR compliance reporting
- Validate RTO and RPO requirements

Metadata-based file search

- Index snapshots for search

- Granular recovery of specific files
- Search file systems of snapshots
- Search across multiple AWS regions
- Find files within a specific time frame

Governance and compliance

- Complete data lifecycle management
- Role-based access control (IAM)
- All AWS GovCloud regions supported
- Automated compliance reporting

Cost optimization

- Lower storage costs by up to 50%
- No egress charges for backup to Druva Cloud
- Global deduplication and compression
- Archive data to the EBS Snapshots Archive tier
- Resource scheduling for non-critical EC2 or RDS
- Eliminate the need for dedicated IT resources

On-boarding and management

- Designed for multi-tenancy and IAM support
- Easy install with a CloudFormation stack or stackset template
- AWS Control Tower integration
- CLI and RESTful API for custom integrations
- SSO and MFA authentication
- 24/7 technical support for all paid plan

Use cases

Snapshot orchestration of AWS workloads

100% SaaS solution that leverages AWS snapshot technology to utilize native APIs and microservices for scale, efficiency, and flexibility.

Amazon RDS air-gapped backups for ransomware protection

Ensure you are always protected from cyber threats and ransomware with secure, air-gapped backups stored in the Druva Cloud. Druva's air-gapped solution keeps Amazon RDS backups completely 'decoupled' from the customer's AWS environment, reducing exposure to ransomware and credential breaches.

Quick recovery for availability

Easily restore to any point in time — rapidly recover from accidental deletion, outages, and ransomware attacks

AWS disaster recovery

One-click disaster recovery allows organizations to clone VPCs and their configurations, and quickly recover across AWS regions and accounts.

To learn more, visit:

https://www.druva.com/use-cases/aws-cloud-backup

Archiving and compliance

Automatically archive snapshots to the lower-cost EBS Snapshots Archive tier for long-term retention and schedule automated reports for monitoring and compliance.

Threat Hunting for Amazon EC2

Proactive threat detection that integrates directly into backup workflows by scanning for indicators of compromise (IoCs) within Amazon EC2 backups. With flexible scanning options, users can customize parameters to define the scope and frequency of threat hunts, ensuring that their specific security needs are met. Additionally, the seamless integration of results with existing security systems enhances collaboration between security and IT teams, allowing for a more robust and responsive security posture.