

# Druva for Amazon EC2 Backup & Recovery

Druva's agentless, SaaS-based platform delivers air-gapped, cyber-resilient backups for Amazon EC2. With built-in immutability, zero infrastructure, and unified cloud protection, Druva empowers organizations to recover faster, reduce storage costs, and simplify operations without relying on fragmented native tools.

## The challenge

Legacy and native AWS backup solutions were designed for operational recovery, not cyber resilience. When primary data and backups reside in the same AWS environment without identity isolation or robust ransomware protection, organizations face a higher risk of data loss, compromise, and extended downtime.

Managing protection across regions and subscriptions is complex and lacks centralized visibility, creating operational overhead. At the same time, costly storage replication without deduplication inflates costs. As cloud environments scale, these limitations increase risk, reduce efficiency, and strain IT resources.

## The solution

Druva provides secure, efficient, and simplified cloud backup and recovery for Amazon EC2 instances through a fully managed SaaS platform. Designed for zero trust and built to scale, Druva removes the infrastructure, egress fees, and management complexity of native tools, delivering fast and reliable recovery from ransomware, insider threats, or operational failure.

## Business challenges

- Co-location of primary data and backup data
- No identity access isolation or immutability
- No cyber recovery or threat detection capabilities
- Cloud sprawl with fragmented visibility
- Too many disconnected tools and services
- Snapshot replication and surprise egress charges
- Soaring storage costs as you scale

## Key benefits

- Immutable, air-gapped backups
- Secure by design, not by implementation
- Fast, clean, reliable recovery
- Threat hunting, quarantine and anomaly detection
- Cyber recovery with in-line scanning for IOCs and malware
- Cut AWS backup costs with deduplication
- Simplified protection across regions and accounts
- Multi-cloud protection and cross-cloud resilience



**Zero Infrastructure. Zero Egress. Zero Headaches.**

## Key features

### Security

#### Air-gapped, immutable backups

Backups are stored outside your AWS organization in Druva's isolated cloud storage, ensuring they remain safe from ransomware and IAM compromise.

#### Secure air-gapped cloud vault

Separates data and control planes to prevent attackers from altering or deleting backups — even with elevated credentials.

#### Data lock

Prevents backup modification or deletion, even by admin users, to guarantee data integrity and compliance.

#### Cyber recovery

Makes every recovery a cyber recovery. Ensures only clean data is restored by scanning backup sets for malware or IOCs.

#### Threat hunting

Proactively scans backup data for signs of ransomware or unusual activity, enabling early threat detection before recovery.

#### Quarantine

Automatically isolate suspicious snapshots to prevent reintroducing compromised data during restoration.

#### Data anomaly detection

Machine learning establishes baselines and flags suspicious deviations, such as mass deletions or encryptions.

### Simplicity

#### Cloud-native, agentless deployment

Protect and secure Amazon EC2, Amazon RDS, and Amazon S3 data without installing or managing agents across accounts and regions.

#### Auto-discovery across accounts

Easily onboard AWS accounts, discover instances, and apply protection policies based on business SLAs.

#### Cross-account and cross-region recovery

Recover to any AWS region or account, enabling flexibility for DR and migration use cases.

#### File-level recovery

Quickly recover individual files and folders from any backup — no need to restore the entire instance.

#### Fast, clean, recovery

Achieve up to 1.8TB per hour restore speeds from fully air-gapped, immutable backups for clean, pre-scanned, and reliable recovery.

#### One platform to protect all your IT workloads

Unify protection for AWS, Azure, on-premises, SaaS apps, and endpoints through a single, centralized control plane.

#### Multi-cloud protection and cross-cloud resilience

Gain true [multi-cloud](#) flexibility with Druva by securely backing up data to AWS or Microsoft Azure storage, ensuring compliance, choice, and seamless protection.

### Savings

#### Lower AWS backup storage costs

Eliminate the high costs of native cross-region, cross-account, and vault-based backups with Druva's optimized cloud storage.

#### Deduplication of data

Reduce storage costs by deduplicating backup data across workloads and locations at the source.

#### No egress charges

Data transfers for backups and restores across AWS regions or to Druva's cloud are completely free from AWS egress charges.

#### To learn more, visit:

<https://www.druva.com/solutions/amazon-ec2-backup>

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Druva is the industry's leading SaaS platform for data security, and the only vendor to ensure data protection across the most common data risks backed by a \$10 million guarantee. Druva's innovative approach to backup and recovery has transformed how data is secured, protected and utilized by thousands of enterprises. The Druva Data Security Cloud eliminates the need for costly hardware, software, and services through a simple, and agile cloud-native architecture that delivers unmatched security, availability and scale. Visit [druva.com](https://www.druva.com) and follow us on [LinkedIn](#), [Twitter](#), and [Facebook](#).