

Druva for Microsoft Azure VMs

Druva's agentless, SaaS-based platform delivers air-gapped, cyber-resilient backups for Microsoft Azure Virtual Machines (VMs). 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 backup tools were designed for operational recovery, not cyber resilience. When primary data and backups reside in the same Azure tenant 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 redundancy without deduplication drives up expenses. As cloud environments scale, these limitations increase risk, reduce efficiency, and strain IT resources.

The solution

Druva provides secure, efficient, and simplified backup and recovery for Azure VMs 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. Extend protection to Azure SQL, Azure Blob, Azure Files, Microsoft 365, Entra ID, Dynamics 365, and integrate with Microsoft Sentinel.

Business challenges

- Co-location of primary data and backup
- No identity access isolation or immutability
- No cyber recovery or threat detection capabilities
- Cloud sprawl with fragmented visibility
- Too many disconnected tools and services
- Redundant storage costs 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, with built-in rollback
- Threat hunting, and Threat watch
- quarantine, and 24/7/365 monitoring
- Cyber recovery with in-line scanning for IOCs and malware
- Cut Azure backup costs with deduplication and no egress
- Simplified protection across regions and subscriptions
- Multi-cloud protection and cross-cloud resilience



Compute



Azure VM

Databases



Azure SQL

Storage



Azure Blob

Files



Azure Files



Fully Managed SaaS Platform
Secure Air-gapped Cloud Vault
Choose AWS or Azure for Cloud Storage
Cross-Cloud Backup Made Simple

Zero Infrastructure. Zero Egress. Zero Headaches.

Key features

Security

Air-gapped, immutable backups

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

Zero trust recovery vault

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

Data lock

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

Data anomaly detection

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

Rollback actions

Instantly restore deleted or compromised backups within a configurable window to recover quickly from ransomware or accidental deletions.

Recovery Intelligence (Cyber recovery)

Ensures only clean data is restored by scanning backup sets for malware or IOCs.

Threat watch (Proactive)

Automated, continuous scanning of backup snapshots with retrospective rescans when new IOCs emerge.

Threat hunting (Reactive)

Search metadata across historical backups to locate IOCs and establish the scope and timeline of an attack

Quarantine

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

24x7 Managed Data Detection & Response

Around-the-clock threat monitoring and expert-guided response to accelerate investigation and recovery from backup-based threats.

Safe Mode

Lock down consoles during an attack to block deletions and contain blast radius.

Simplicity

Auto-discovery across subscriptions

Easily onboard Azure subscriptions, discover VMs, and apply protection policies based on business SLAs.

Cross-subscription and cross-region recovery

Restore VMs or files across regions or subscriptions to ensure rapid recovery from regional outages, account compromise, or cyber attacks.

File-level recovery

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

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.

Savings

Deduplication of data

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

No egress charges

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

To learn more, visit:

<https://www.druva.com/solutions/azure-vm-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](#).