

Druva Air-gapped, Immutable Backups for Azure Blob

The standard approach to protecting Azure Blob data often lacks isolation, granularity, and true backup capabilities—leaving critical cloud object data vulnerable to ransomware, accidental deletion, and credential compromise. Relying on versioning, replication, or native tooling fails to provide the immutability and separation required for true cyber resilience. Attempts to manually implement backup workflows using scripts or lifecycle policies can be complex, incomplete, and costly. So what's the alternative? That's where Druva comes in.

The Druva Solution

Druva delivers an agentless, cloud-native backup solution for Azure Blob, offering air-gapped, immutable backups stored securely outside your Azure tenant. There's no need to deploy proxies or manage infrastructure. With granular object-level protection, smart search and flexible restore, and zero egress fees, Druva simplifies operations while maximizing data security. Manage backups across Azure VMs, Azure SQL, and Azure Blob—all from a single SaaS platform designed for scale and cyber resilience.



Maximize Backup Data Security —

Air-gapped, decoupled backups ensure your Azure Blob data is isolated from your production environment, protecting it from ransomware, insider threats, and deletion events.



Ransomware Readiness —

Immutable backups in Druva Cloud are locked from modification or deletion—even in the event of compromised Azure credentials or insider threats.



Lower Costs — Save on Azure storage costs with global deduplication, cold storage tiering, no egress fees, and free restores. Eliminate the need for managing infrastructure, or operational overheads



Simplified Recovery —

Restore specific Azure Blob objects, metadata, or entire buckets to their original or alternate location using advanced filters for time, type, or size.



Zero Headaches—Streamline Azure Blob data protection with a fully managed, agentless SaaS platform—no infrastructure to maintain, no manual workflows to manage.

Use Case Challenges Solved by Druva



Operational Complexity and Lack of Visibility

Protecting Azure Blob typically requires a mix of lifecycle policies, and multiple Azure tools—resulting in operational overhead, inconsistency, and limited visibility across your Azure tenant. Druva eliminates this complexity with an agentless, fully managed SaaS experience.



Backup Data Vulnerability to Cyber Threats

While versioning and replication provide some protection, they reside within the same environment—leaving data exposed to ransomware, insider threats, or deletion. Druva separates Azure Blob backups entirely from your Azure tenant, offering true airgap security and immutable storage.



Rising Azure Storage Costs

Geo-Redundant Storage (GRS), and Read-Access Geo-Redundant Storage (RA-GRS) replication leads to ballooning storage costs—especially when you need to retain multiple versions of objects for the long-term. Druva reduces storage costs with global deduplication, cold storage tiers, and by eliminating egress fees.

Key Features

Simplicity and SaaS-Based Management

- **No Infrastructure Required:** Agentless deployment—no proxies or infrastructure to install or manage in your environment.
- **Fast Time to Value:** Set up backups in minutes using intuitive, policy-based workflows.
- **Unified Control Plane for Microsoft Ecosystem:** Centralized visibility, data protection and management across Azure VMs, Azure SQL, Azure Blob, Microsoft 365, Entra ID, and more from a single platform.
- **MACC-Eligible Spend:** Customers can draw down on their Microsoft Azure Consumption Commitment (MACC) when purchasing via Azure Marketplace, helping you meet contract obligations while enhancing data protection.

True Air-Gapped Data Security

- **Complete Backup Data Isolation:** Backup data is stored outside the customers Azure tenant, fully isolated from any Azure access credentials or misconfigurations.
- **Full and Incremental Backups:** Ensures efficient protection of Azure Blob data —minimizing storage usage and accelerating backup windows.
- **Guaranteed Immutability with Data Lock:** Object backups are protected by tamper-proof retention policies, ensuring data cannot be altered or deleted—even with compromised credentials.

Lower Costs

- **Lower TCO:** Global deduplication eliminates duplicate objects across backups, while compression reduces overall storage footprint.
- **No Hidden Fees:** With Druva, you pay no egress charges or restore fees—meaning there are no surprises.

Flexible Recovery Options

- **Granular Restore:** Instantly recover individual Azure Blob objects, or specific metadata without restoring the entire dataset.
- **Powerful Metadata Search:** Instantly find and restore the exact objects you need, across any recovery point, turning a day-long recovery process into minutes.
- **Flexible Restore Options:** Restore specific objects to the same or a different Azure subscription or region, or even overwrite the original object in the container with full control.

Multi-Cloud Backup Resilience

- **Cloud Storage Flexibility:** Store Azure Blob backups in either Azure or AWS storage within the Druva Cloud to support compliance or minimize cloud concentration risk.

Seamless Encryption Management

- **End-to-End Encryption:** Druva handles encryption with centralized key management—ensuring data security without complex re-encryption or custom scripting.

To learn more, visit:

www.druva.com/solutions/azure-blob-backup

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Druva is the leading provider of data security solutions, empowering customers to secure and recover their data from all threats. The Druva Data Security Cloud is a fully managed SaaS solution offering air-gapped and immutable data protection across cloud, on-premises, and edge environments. By centralizing data protection, Druva enhances traditional security measures and enables faster incident response, effective cyber remediation, and robust data governance. Trusted by nearly 7,500 customers, including 75 of the Fortune 500, Druva safeguards business data in an increasingly interconnected world. Visit druva.com and follow us on [LinkedIn](#), [Twitter](#), and [Facebook](#).