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Druva for Microsoft Azure VMs

Druva's agentless, cloud-native solution for Azure provides organizations with secure, air-gapped backups of Azure VM data, protecting against cyber threats at a lower cost and without management complexity.

The challenge

Cloud data protection and management is an ever-evolving landscape that has prompted enterprises to explore more robust alternatives to Microsoft's Azure Backup service. The native Azure Backup service comes with a range of capabilities, but several critical gaps have emerged. One challenge is the costliness and complexity of the native Azure Backup service. Customers must navigate difficult pricing structures often leading to unexpected expenses and operational overhead.

Azure Backup is vulnerable because it lacks air-gapped protection and ransomware safeguards. As cyber threats continue to grow in frequency and severity, the absence of this essential layer of security leaves businesses susceptible to data breaches and loss. Beyond security, managing data across diverse on-premises and cloud environments creates added difficulty. The need for a comprehensive solution that transcends these boundaries becomes evident, particularly as reliance on multi-cloud strategies grows.

Azure Backup has several limitations that make it unsuitable for many organizations. It lacks deduplication, inflating storage costs and decreasing efficiency. Complex management and maintenance workflows can become unwieldy over time, detracting from operational efficiency. Furthermore, cross-region restoration is confined to specific replication types, limiting flexibility in disaster recovery scenarios.
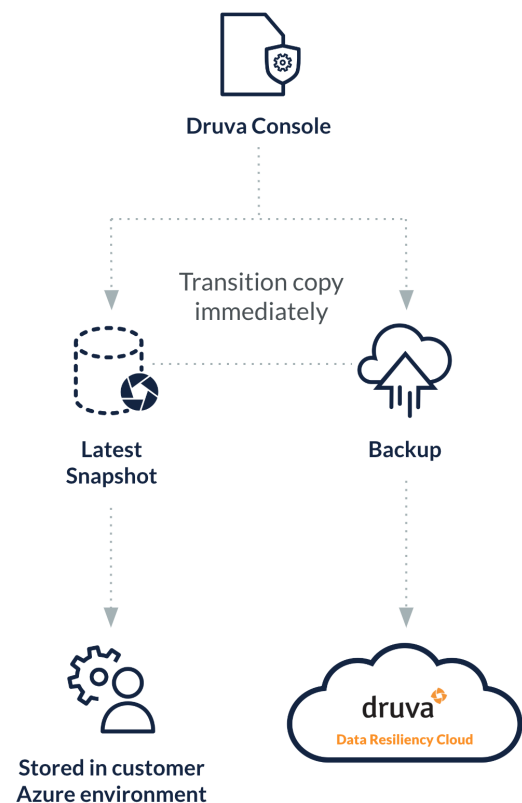
These limitations collectively paint a vivid picture of the deficiencies of the Azure Backup service, necessitating a more advanced and encompassing alternative.

Business challenges

- Microsoft's Azure Backup service is costly and complex
- Azure Backup offers no air-gap/ransomware protection
- Managing, protecting, and securing data across on-premises and cloud environments is complex
- Don't want to use separate BaaS for every cloud
- Organizations are increasing their footprint in Azure

Key benefits

- Ensure data security with air-gapped backups
- Leverage the simplicity and value of SaaS
- Global deduplication of data to maximize savings
- Reduce Microsoft Azure storage costs by up to 50%

Druva Console

Transition copy immediately

Latest Snapshot

Backup

Stored in customer Azure environment

druva
Data Resiliency Cloud

The solution

Druva provides an agentless, cloud-native SaaS solution that ensures simple, secure and air-gapped backups for Azure VMs and reduces storage costs by up to 40%, compared to the native Azure Backup service.

Druva protects Azure VM data from ransomware by creating an encrypted backup copy of your data that is inaccessible to attackers, and stored in Druva's cloud.

Recover Azure VMs and their associated disk storage back to your Azure subscription and regions of your choice. The unified cloud platform allows you to protect and secure backups across Azure, AWS, the data center, SaaS apps, and endpoint devices, enabling you to save time and money by consolidating your backup operations.

Security

Air-gapped backups of Azure VMs to Druva Cloud

Druva helps organizations protect their data from ransomware by creating a copy of your organization's data that's offline and inaccessible to ransomware attackers — stored in Druva's cloud storage. This is essential as most organizations are unable to recover from a ransomware attack due to the state of disarray that results from such an incident.

Cross-cloud backup redundancy (AWS-based storage)

Druva's solution ensures you don't lose your data even if Azure credentials are compromised or hackers breach your Azure cloud platform. This happens because Druva's solution replicates data to the Druva's Cloud (AWS storage) providing you with cross-cloud backup redundancy.

Cross-region/subscription restores

Quickly and easily recover Azure VMs and their associated disk storage back to your Azure subscription and region of your choice.

Simplicity

Agentless

With Druva, you don't have to install an agent to protect your native Azure VMs or disk. All worker instances are managed by Druva itself, ensuring end-to-end BaaS protection without installation hassles.

Discover Azure VMs within multiple Azure subscriptions

Druva allows you to securely and quickly onboard Azure subscriptions, discover Azure VMs/Managed Disks, and create rules based on your organization's SLAs.

Multi-cloud management

Centralized management of backup and restore across Azure, AWS, on-premises data centers, and SaaS applications.

Savings

Lower storage costs for Azure data

Druva customers can reduce their backup storage costs by 50% or more by storing backups in Druva Cloud and eliminating the need for costly Azure Backup redundancy storage such as GRS and RA-GRS.

No egress costs

No egress costs for backing up cross-region from Azure to Druva Cloud, since Druva manages the cloud ecosystem in their own environment.

Global deduplication of data

Patented source deduplication optimizes storage capacity, improves network performance and accelerates data backup. Druva compares all of a given customer's backup data against all other data from that customer, even from other locations. This significantly reduces duplicate data, and storage costs, more than any other vendor.

For More Information

Take a deep dive into Druva's solution for Azure VMs with a free product tour. Our product tours are quick, easy, and fun tutorials that guide you through the user interface (UI) and key features — explore the product at your own pace.