

Secure Cloud Storage

From Recovery-Ready to Retention-Ready

Veeam Data Cloud Vault • Veeam Data Cloud Vault Archive

Secure Storage Is Fundamental to Zero Trust Data Resilience

As cyberthreats continue to increase — especially against backup data — the need to appropriately secure that backup data is paramount. The 2024 Ransomware Trends Report found that 96% of ransomware attacks now explicitly target backups, and 61% of organizations use cloud storage alongside disk-based backups to get a copy off-site.

At the same time, unstructured data keeps multiplying. AI is accelerating both the volume of data organizations create and the pressure to keep it, and a supply-constrained hard drive market is pushing storage costs up and lead times out. Tightening data-residency and compliance rules mean more of that data has to be kept longer, proven clean, and stored in a specific place.

Many organizations continue to struggle with cloud storage, with reasons including:

- **Bill shock:** Fully understanding and forecasting expenses like transactions, data access, and egress.
- **Security:** Architecting cloud storage securely, including logical air-gapping, immutability, encryption, and more.
- **Skilling:** The expertise and resources required to properly design, implement, manage, and monitor storage.
- **Growth:** Cold, infrequently accessed data keeps consuming premium, performance-tier storage — teams pay top rates to hold data they rarely touch.

Zero Trust Data Resilience

Veeam's Zero Trust approach, Zero Trust Data Resilience (ZTDR), focuses on expanding Zero Trust principles to include an organization's backup environment. This philosophy is foundational to our approach to data protection and cyber resilience, including:

- Separation of backup software and backup storage through segmentation and air-gapping, maintaining availability for authorized users while reducing risk should one part of the environment be compromised.
- Multiple resilience zones, maintaining three copies of your data on two types of media, with one offsite, so you can recover quickly and securely.
- Immutable and encrypted backup storage, with immutability ensuring availability for a clean restore, and encryption protecting confidentiality.

Veeam Cloud Storage Solutions: One Platform, Complete Lifecycle

Veeam Cloud Storage Solutions bring fully managed, secure cloud storage to your entire backup data lifecycle — not just the data you need back today, but the data you're required to keep for years. Recently, recovery-critical backups stay on performance-optimized Veeam Data Cloud Vault. As data ages, it tiers automatically into Veeam Data Cloud Vault Archive, a fully managed, archival-class tier built for secure, compliant, long-term retention at the lowest cost. Recovery-ready meets retention-ready — all under one platform, at one predictable price, with zero rip-and-replace.

Veeam Data Cloud Vault

Veeam Data Cloud Vault introduces a fully managed, secure cloud storage resource. Architected to strict ZTDR principles, Veeam Vault ensures your business's most valuable asset is always safeguarded — with flat, predictable pricing that makes budgeting and forecasting a breeze. Just let us know how much you need, and we'll handle the rest.

Veeam Data Cloud Vault Archive

Your premium storage has better things to do. Veeam Data Cloud Vault Archive ingests unstructured NAS backups directly, moving cold data — including redundant, obsolete, and trivial data (ROT) — into a pre-secured, compliant cloud archive at the lowest TCO. Data is verified clean by malware scanning in Veeam Data Platform v13.1, then stored on immutable, encrypted, air-gapped storage in the region of your choice, all at one predictable, archive-class price.

Use Cases

Two tiers, one lifecycle — from everyday recovery to long-term, compliant retention.

Veeam Data Cloud Vault



Secure

Safeguard your data on ZTDR storage that's always immutable, always encrypted, and logically air-gapped from production.



Predictable

Eliminate bill shock with flat, per-TB pricing that meets your needs now and tomorrow, inclusive of API calls, data access, restore, and egress charges.



Easy

Access and use on-demand cloud storage, fully managed by Veeam with zero architecture, configuration, or management requirements.



Integrated

Fully integrated into Veeam Data Platform and ready to go in minutes, without leaving the UI you know, love, and trust.

Veeam Data Cloud Vault Archive



Compliant
Retain data for years to meet regulatory and industry mandates, with immutability, AES 256-bit encryption, and data-residency control built in.



Economical
Reclaim premium storage consumed by cold data and ROT, at archive-class economics and one predictable price — no surprise cloud bills.



Cyber-Resilient
Hold immutable, air-gapped copies validated by malware scanning in Veeam Data Platform v13.1 — a trusted last line of defense.



Tape-Free
Retire the cost, handling, and recovery risk of physical tape for a fully managed cloud archive, accessible on demand.

Three Options to Choose From

	Archive	Foundation	Advanced
Best Fit	Long-term retention of cold data and GFS backups	Recovery-ready backups	Recovery-ready backups Testing and clean rooms
Platform	Azure	Azure and AWS	Azure and AWS
Durability	Up to 11 nines	Up to 11 nines	Up to 12 nines
Residency	30+ regions	40+ regions	50+ regions
Minimum Retention	180 days	30 days	30 days
Restore Speed	>15 hours	As fast as instant	As fast as instant
Pre-secured	Yes	Yes	Yes
Retrieval Inclusive	None — billed in arrears	Fair Use — 20%	Unlimited

About Veeam Software

Veeam is the Data and AI Trust Company, specializing in helping organizations ensure their data and AI are fully understood, secured, and resilient to enable the acceleration of safe AI at scale. As the market leader in both data resilience and data security posture management, Veeam is built for the convergence of identity, data, security, and AI risk. Headquartered in Seattle, with offices in more than 30 countries, Veeam protects over 550,000 customers worldwide, including 82% of the Fortune 500. Learn more at www.veeam.com or follow Veeam on LinkedIn [@veeam-software](#) and X [@veeam](#).

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