Modern Data Protection for Enterprises and Cloud Service Providers

Support testable, cyber-resilient backups and better business analytics with Seagate Lyve Cloud and the Veeam Availability Suite.

Challenge Summary

Data is critical to keeping your business running. With data volume and velocity continuing to grow at an exponential pace, and workloads accelerating to multicloud ecosystems, data and costs are harder to manage than ever before. There's never been a more urgent time to move beyond legacy backup in favor of a modern data backup, protection, and storage solution that can support multicloud strategies and data lake implementations.

Benefits Summary

- Instantly recover data anytime without costly delays.

- Reduce complexity across your multicloud environment and data silos.

- Complement your multicloud strategy and seamlessly scale your backup repository at predictable costs without lock-ins, API charges, or egress fees.

- Ensure the cyber resiliency of your backup data with ransomware protection and immutable storage.

- Monitor and analyze backups to improve efficiency, meet compliance, and identify risks.

Get a comprehensive approach to data security and integrity across the entire data path. Seagate® Lyve™ Cloud with Veeam Availability Suite—which includes Veeam Backup & Replication for four-in-one data protection and Veeam ONE for unified monitoring and analytics reporting—leverages resilient, enterprise-class storage technologies, industry-leading durability, and multi-level ransomware resiliency to deliver faster backups and robust restores at infinite scale and predictable costs.

The world runs on data. But as enterprise data continues to proliferate at an exponential rate, managing and activating that data becomes an expensive and complicated task in a hybrid or multicloud environment. This creates several challenges for business contingency planning—particularly for distributed enterprises that generate large and unpredictable volumes of data in complex cloud environments that are subject to audits for regulatory compliance. It also makes it difficult for enterprises to capitalize on the tremendous value contained within ever-growing data sets.

Today's organizations and cloud service providers need data management solutions that can support reliable backups and restores while safeguarding enterprise data from the growing threat of sophisticated cyberattacks. They want cost-effective, cross-platform solutions that are flexible enough to complement their existing infrastructure—ones that support monitoring and analytics capabilities so data can be leveraged for new opportunities and cost-saving efficiencies.

The Solution

The cost of enterprise data loss cannot be fully quantified in monetary value alone. That's why organizations must put hybrid and multicloud data protection at the center of their business continuity strategies. But legacy backup methods make data expensive and cumbersome to access and store. With the ever-looming threat of cyberattacks, these organizations want resilient, scalable, and easy-to-implement solutions.

But that's not enough. In addition to automating routine data protection and recovery tasks, these solutions must support testing for data backups and application rollouts. Ideally, customers want the ability to identify data management risks before they become a problem. And if possible, they want big-picture visibility of their data as well as monitoring and analytics capabilities that can help them get more business value out of their data.

The Seagate Solution

When used with Veeam Backup & Replication software, Seagate Lyve Cloud delivers a fast, simple, and trusted data protection and storage solution with exceptional cost performance. With a focus on data security, flexibility, and accessibility, Lyve Cloud integrates seamlessly with Veeam's data management capabilities.

Lyve Cloud offers straightforward capacity-based pricing with no extra API charges or egress fees. This eliminates vendor lock-in and enables businesses to scale their backup data storage at a predictable cost. This effectively removes cost barriers for transferring backup data in and out of S3-compatible storage, supporting disaster recovery, data protection, and testing for backups and new applications. Backups can be securely tested in a controlled environment without costly add ons—before activating it.

Default security features such as object immutability safeguard backup data from ransomware attacks with air-gapped data protection. This ensures resilient backups that can be restored with confidence in the event of primary data failure. Additionally, it enables businesses to reliably demonstrate ongoing compliance.

Add Lyve Cloud as a scale-out repository to Veeam Backup & Replication in your hybrid or multicloud storage environment to minimize risk, decrease downtime, and easily adapt to business changes and recovery objectives. This simple, trusted, and efficient S3-compatible storage-only cloud is an ideal complement to your existing backup storage repositories.

Partner Solution

The Veeam Availability Suite is a complete data protection solution for all enterprise data—whether that data is deployed on premises, in the cloud, through backup as a service, or disaster recovery as a service. Protect and manage all workloads using a single platform. Veeam helps enterprises and cloud service providers evolve how they manage data while ensuring its availability across any application or cloud infrastructure.

Veeam's flexible solutions—including Veeam Backup & Recovery for four-in-one data protection and Veeam ONE for monitoring and analytics—reduces the cost and complexity of backup data management immediately. Quickly achieve fast, flexible, and reliable backups with archival and recovery capabilities for the most critical enterprise workloads—all with bulletproof ransomware protection.

Hybrid and Multi Cloud Enterprise Data Protection

Cloud **SaaS** **Apps** **Virtual** **Physical**

Data Reuse

Disaster Recovery Orchestration

Monitoring & Analytics

Backup & Recovery

Storage, Analytic & Management APIs

EXOS™
On Premises

LYVE™
Cloud

Cloud Service Provider

Total Solution

Joint solutions from Seagate and Veeam support accelerated digital transformation and cloud adoption. Feature-rich data management technologies provide flexible, scalable, and frictionless data protection, serving immediate needs for data recovery, long-term data retention, backup and application testing, and verifiable compliance. Predictable cloud economics and fast and reliable storage as a service reduce downtime and exorbitant storage costs.
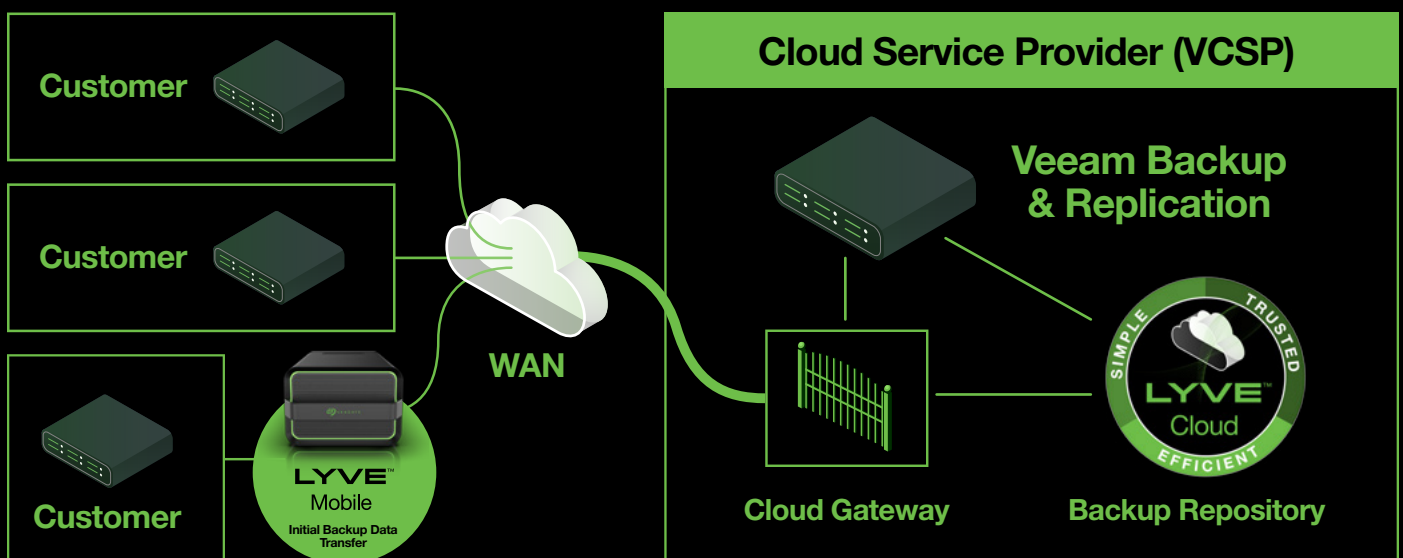
Lyve Cloud S3-compatible storage with Veeam Backup & Replication integrates seamlessly into hybrid and multicloud environments. When compared to other hyperscale offerings, this scalable storage solution cuts costs by 70% or more. This allows enterprises to easily adapt to business changes, meet recovery objectives, and overcome the challenge of storing and protecting all enterprise data with an always protected and accessible all-in-one solution.

Lyve Cloud is qualified as Veeam Ready and is available using the S3-compatible storage selection for scale-out repositories within Veeam.

Features & Benefits

- Reduce cost and complexity for an immediate return on investment and achieve your business objectives.
- Complement your multicloud strategy without lock-ins, API charges, or egress fees.
- Seamlessly scale your backup repository at predictable costs.
- Easily integrate and manage backups and backup storage.
- Get anytime access to backup data without costly delays.
- Safeguard backups from ransomware with resilient, air-gapped, immutable storage.
- Benefit from industry-leading data security and data durability.
- Test your backups and validate restores without additional cloud storage charges.
- Monitor and analyze backups to improve efficiency, meet compliance, and identify errors before they cause serious data management problems.

Lyve Cloud for Veeam Cloud Service Provider

Customer

Customer

Customer

LYVE™ Mobile
Initial Backup Data Transfer

WAN

Cloud Service Provider (VCSP)

Veeam Backup & Replication

LYVE™ Cloud
SIMPLE · TRUSTED · EFFICIENT

Cloud Gateway

Backup Repository

Use Cases

Modernize Your Backup

Break free from legacy backup solutions with powerful, modern data protection designed for hybrid and multicloud environments. Increase efficiency with a simple, efficient, and flexible way to store your backup data in the cloud. Everything everywhere is protected with a four-in-one backup and recovery solution for storage snapshots, backups, replicas, and continuous data protection in one product that fortifies your 3-2-1-1 data protection strategy.

Bring Agility to Your Multicloud

Overcome digital transformation challenges and reduce barriers to rapid cloud adoption with seamless data management and mobility across public and private clouds. Your data is always available and recoverable with no proprietary hardware, cloud lock-in, or punishing egress fees.

Orchestrate Reliable Disaster Recovery

Simplify disaster recovery with integrated, cloud-ready backup and replication. Reduce risk, save time, and get reliable restores with automated recovery processes and backup test capabilities. Leverage the expertise of Veeam and Seagate to meet your recovery time objectives and recovery point objectives with confidence.

Safeguard Data from Ransomware Attacks

Mitigate business risks and ensure backup compliance and recoverability with immutability for your backup copies. Protect yourself from the latest threats with security-enabled online and offline backups and immediate non-disruptive testing.

Monitor and Analyze Backup Data

Get a complete view of any data, application, or workload anywhere. Powerful monitoring, reporting, and capacity planning driven by proprietary machine learning and big data capabilities provides full visibility.
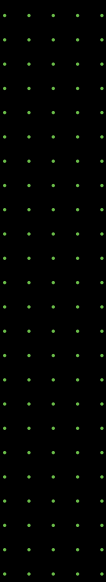
Reuse and Test Your Backups

Test your backup and restore plan in a secure environment and avoid data management issues before they cause a problem.

Empower Innovation and Optimize Business

Foster innovation with data mining, classification, security analysis, forensics, and more to improve, optimize, and reduce costs while supporting better business acceleration and insight.

Conclusion

Automate routine data protection and recovery tasks so data management risks can be addressed before they become a problem. Seagate Lyve Cloud with the Veeam Availability Suite supports fast and reliable restores that can be tested in a secure environment without costly charges for egress or API calls. Get modern enterprise data protection with monitoring and analytics capabilities and get the most out of your data.

Veeam and Lyve Cloud best in Class Data Protection

Key Features

- Fast, reliable, and efficient backup & recovery
- Leverage low-cost cloud object storage with Veeam Cloud Tier
- Ransomware protection with industry-leading data durability and immutability
- Seamless integration and operation
- Veeam Ready Object – certified interoperability

Ready to Learn More?

Talk to an expert **www.seagate.com/lyvecloud**

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