

HPE Alletra Storage Server 4000 with Veeam Data Platform

Protect and restore data simply and easily with a cost-effective, reliable solution



Enterprises seek more control of data as AI and security concerns add complexity to the challenge of protecting and recovering data.

- Data is growing in volume and complexity, increasing in size between **35% and 45%** annually and getting scattered across numerous operating platforms.¹
- **85%** of organizations were hit by a ransomware attack in 2023, with 2/3 of those organizations being hit more than once.²
- **93%** of ransomware attacks targeted backups, with **75%** being at least partially successful.³

Simplifying data protection and recovery

As data privacy and security concerns escalate, enterprises face a growing urgency to find a data protection solution that can handle unprecedented growth in data volumes and mitigate the constant risk of cyberattacks. It's a rising challenge on two fronts—data storage infrastructure has become more complex and increasingly distributed while cybercriminals continuously exploit new vulnerabilities as they emerge.

Currently, threat actors target backups because they know if your primary data and backups are encrypted or destroyed during an attack, you can't recover. But the truth is, your business is at risk when you can't access your data no matter what the cause. Whether it's malware, ransomware, power outage, a simple equipment failure, or even a human error, you're likely to forego sales in the short term, lose customers over the long term, and even shut down the business indefinitely if the situation isn't resolved successfully.



HPE Alletra Storage Server 4000 with Veeam Data Platform

- Help minimize operational risk by increasing the frequency of data backups, reducing the time required to recover data, and improving achievement of data-related service-level agreements (SLAs)
- Empower data protection teams to carry out their responsibilities more efficiently and effectively
- Gain business agility by optimizing IT resources and data consumption that leads to higher developer productivity levels
- Reduce storage hardware requirements and other solution costs through Veeam's enhanced data compression and higher storage and compute performance, along with reduced licensing costs



HPE Alletra Storage Server 4120 (for medium configurations)

- 2U 2P hybrid data storage server
- For the broadest range of data storage-centric workloads
- Up to 24 LFF drives in front with up to 4 LFF in the rear



HPE Alletra Storage Server 4140 (for large configurations)

- 4U 2P hybrid data storage server
- High-throughput bulk storage for large data storage-centric workloads
- Up to 68 LFF in front
- Up to 92 LFF in front

To be ready for any scenario, your cyber resiliency strategy requires a backup that you can access at any time, from anywhere. You need a data protection solution that is flexible enough to accommodate new workload types, powerful enough to secure against threats, and scalable enough to contend with nonstop data growth. The combination of HPE Alletra Storage Server 4000 with Veeam Data Platform offers a simple solution that gives you safe, secure data storage with the ability to easily add capacity.

When you deploy HPE Alletra Storage Server 4000 with Veeam Data Platform, you unleash a powerful solution that helps reduce risk, simplify data management, and helps ensure resilience. And because Veeam software integrates directly with HPE Alletra Storage Server 4000, you get a simple and easy-to-manage solution that delivers greater application uptime and increased resource efficiencies. This joint solution offers faster backup and restores full-feature equivalency for the entire HPE storage portfolio, along with hybrid cloud optimization in a single platform to help eliminate data loss and keep data safe from ransomware.



Faster recovery, storage efficiency, and simplicity of a data protection solution

For more than ten years, Hewlett Packard Enterprise and Veeam have been trusted to help you protect your data everywhere and rapidly recover your data in minutes, for business resilience, reduced risk, and fewer resource constraints. Our proven solutions help maximize data and application availability from on-premises to the cloud—and raise the bar on mission-critical availability. The combined HPE and Veeam solution provides a more robust, efficient, and cost-effective data protection solution that includes backup/restore software as well as storage and servers used to run them. This enables you to:

1. Respond faster to ransomware attacks and reduce the risk of data loss

- a. Get improved data availability by restoring in minutes through the native power of storage snapshots for sub-5-minute RTO with HPE primary storage, including HPE Alletra Storage Server 4000
- b. Protect your data to, from, and within any cloud, and provide enterprise-level security along with simple off-site backups and replications without the need for a VPN connection





- c. Quickly replicate virtual machines (VMs), applications, and storage with the ability to recover a protected VM in minutes by running it directly from the backup file to help minimize downtime
- d. Rapidly respond to ransomware attacks with fast, direct, and granular recovery in minutes from backups on HPE Alletra Storage Server 4000

2. Achieve end-to-end data availability

- a. Simplified automation and copy data management allow you to test and validate recoverability for increased resilience across various failure scenarios and assurance that your data will be there when you need it to be
- b. End-to-end encryption for data at rest and in-flight secures your backups so you'll be ready to resume business operations quickly in the event of an attack
- c. Following the 3-2-1-1-0 rule for data recovery helps ensure resilience with at least **three copies of important data** on at least **two different types of media**, with **at least one copy located off-site, plus at least one copy of data being air-gapped, offline, or immutable, and with zero errors in data capture**

3. Optimize costs and ease of use with a single, unified backup solution

- a. Save staff time with an integrated solution that requires less IT expertise
- b. Help maximize efficiency through automatic monitoring and alerts delivered on a single console
- c. Reduce storage licensing costs with one solution that scales as you need greater capacity

HPE Alletra Storage Server 4000 and Veeam Data Platform

With the strategic partnership between HPE and Veeam, customers gain a tested, integrated backup and recovery solution, with jointly designed configurations specifically tuned for Veeam workloads and known performance characteristics. That means you can be confident your data is protected, recoverable, and readily available with reduced complexity and cost.

By combining Veeam's best-in-class enterprise software with HPE Alletra Storage Server 4000, you get trusted immutability, advanced cybersecurity, and unmatched hybrid cloud protection with industry-leading recovery, all in a single platform.

Learn more at

HPE.com/us/en/storage/alletra-4000.html

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