



TECH BRIEF

Affordable Secondary Storage for Amazon S3

Wasabi Hot Cloud Storage is 80% cheaper than Amazon S3 Comparable Amazon S3 Protection Approaches

Improve Availability and Mitigate Risk with Wasabi

Wasabi hot cloud storage is a cost-effective alternative to Amazon S3 Cross-Region Replication (CRR) for secondary storage. You can keep a live copy of your S3 data on Wasabi for 80% cheaper than the price of CRR.

This tech brief reviews the advantages of using Wasabi as a secondary cloud storage service. You will learn how you can:

- Slash secondary storage costs and reduce risks with Wasabi
- Ensure continuous access to your business-critical data in the event of a regional S3 failure
- Protect your S3 data against malicious attacks and administrative mishaps
- Preserve all your existing S3 management tools and practices

Amazon S3 CRR is Prohibitively Expensive

CRR can help you ensure continuous availability in the event of a regional outage, but it is far too expensive for most customers. CRR effectively doubles your storage costs; you pay full, S3 Standard Storage prices to maintain a duplicate copy of your data in a second S3 Region.

CRR essentially amounts to an overpriced insurance policy. Your incremental expenses are likely to exceed revenue lost due to S3 outages in any given year.

Wasabi Hot Cloud Storage is an Affordable CRR Alternative

Wasabi hot cloud storage is extremely affordable, fast and reliable cloud object storage, for any purpose, including secondary storage. Wasabi is 80% cheaper than Amazon S3, 6x faster than S3 and fully compatible with S3, making it an ideal secondary storage platform for S3 customers.

You can use Wasabi to add geo-redundancy to your storage architecture for a fraction of the cost of CRR. Better still, you'll no longer be wholly dependent on a single service provider.

Straightforward, Disruptive Pricing

Wasabi's mission is to make cloud storage a simple, open-standard commodity and utility, just like electricity. To that end we offer a single product that is easy to understand, easy to order and cost-effective to scale. With Wasabi there are no confusing storage tiers to decipher and no complicated fee structures to decode.

Wasabi hot cloud storage costs a flat \$.0049/GB/month, compared to \$.023/GB/month for S3 Standard. And unlike Amazon, we don't impose extra fees to retrieve data from storage, and we don't impose extra fees for PUT, COPY, POST, LIST, GET or other operations.

Robust Data Durability and Protection

Wasabi hot cloud storage is engineered for extreme data durability, integrity and security. Wasabi provides eleven 9s object durability (just like S3 Standard) to protect against hardware failures and media errors, so you can replicate your S3 data to Wasabi with confidence.

In addition, Wasabi supports a data immutability capability that lets you easily recover from administrative mishaps or malicious attacks that might have destroyed or altered your S3 data. When you create a Wasabi storage bucket you have the option of making it immutable for a configurable period of time. An immutable object cannot be deleted or modified by anyone—including Wasabi.

Wasabi data immutability mitigates the most common causes of data loss and tampering including:

- Accidental file deletions or edits
- Bugs in application software
- Malicious programs like viruses and ransomware

Amazon Compatible

Wasabi supports a simple, standards-based REST API that is 100% bit-compatible with Amazon S3. That means all your existing S3 storage management applications and administrative practices will work seamlessly with Wasabi.

Wasabi's Performance and Certification Team (PACT) has validated interoperability with a variety of free and commercial storage applications. See wasabi.com/help/interop-results for a complete list of certified products and tools.

Summary

You can improve availability and mitigate risk by using Wasabi as a secondary storage service. A fraction the cost of AWS CRR, Wasabi hot cloud storage can help you:

- Ensure business continuity in the event of a regional S3 failure
- Safeguard data against malicious attacks and administrative mishaps
- Maintain your existing S3 management tools and practices

Next Steps

- **CONTACT WASABI TODAY.** Learn more about our price, performance and protection benefits.
- **TRY WASABI FOR FREE.** Get up to 1 TB for 30 days.

About Wasabi

Wasabi is the hot cloud storage company delivering low-cost, fast, and reliable cloud storage. Wasabi is 80% cheaper and 6x faster than Amazon S3, with 100% data immutability protection and no data egress fees.

Created by Carbonite co-founders and cloud storage pioneers David Friend and Jeff Flowers, Wasabi is on a mission to commoditize the storage industry. Wasabi is a privately held company based in Boston, MA.



Note: All pricing information presented in this paper was retrieved from cloud service provider websites and was accurate as of July 2017.

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