



Wasabi Object Replication

What is Object Replication?

Object Replication is a fully embedded, platform-wide feature that allows customers to copy objects from a storage bucket in a Wasabi region to another bucket in a different region or the same one. This is ideal for adding an extra layer of data protection, meeting compliance and sovereignty requirements, or minimizing latency.

Why use Wasabi Object Replication?

There are a few reasons for keeping extra copies of data. The first, of course, is to prevent its loss. While the destruction of an entire data center due to fire, flood, terrorism, or earthquake is extremely rare, it is possible. Also, in the event of a security breach or accidental deletion by an internal user, having a replicated copy that still exists prevents total loss of data. So, it's generally worth having a separate copy of the data in a different location.

Another reason to utilize Wasabi's Object Replication capability is to maximize data availability. System outages from the circumstances mentioned above can trigger power outages, unexpected maintenance requirements, or interruptions in the internet service to the building. If the idea of data being unavailable to users for several hours is completely unacceptable, then replicating your data to another storage region makes sense for increased business continuity. You can provide automatic failover if the primary storage region is offline allowing for seamless access to data and operational health of the business unaltered. With two storage regions and automatic replication between them, downtime can be reduced to seconds per year on average.

Additionally, replicating data across two storage regions also provides the option of accessing data from the location that provides the faster response time. For example, a customer in Washington, United States may prefer to work on the copy of their object that is located in the Oregon vault (us-west-1) rather than the replicated copy that lives in the Plano, Texas (us-central-1) location since this will reduce latency. Through bidirectional sync capability within Wasabi Object Replication, the other copy is also synced and the user is not restricted to working on any one copy of the object, primary or replicated. This functionality provides dividends to customers when executing reporting or analytics queries on larger datasets that are particularly data intensive.

How to use Wasabi Object Replication?

Object Replication is an efficient tool for data management that allows users to create multiple copies of data across different locations, transforming the security landscape, analytical output and long-term server health for the entire organization. It's intuitive user interface makes it easy to configure storage parameters, set up workflows and move data between storage buckets to optimize protection performance and efficient data distribution across regions.

Benefits

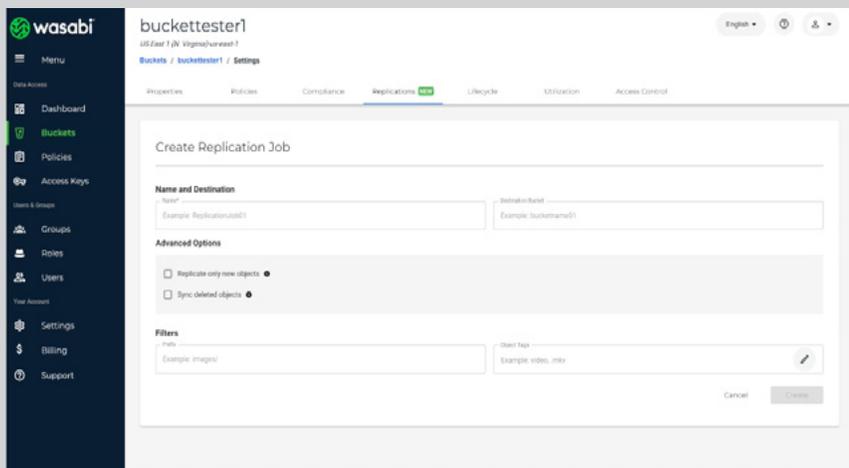
- Improved data resilience and availability from intra-region copies
- Ensure regulatory and business continuity
- Minimize data access latency
- No hidden costs such as network transfer fees, API request charges and "versioning" requirements

Once you have your data replication policies configured, all newly added objects in the source bucket will be synchronously copied to the designated bucket in the storage region of your choice within the continent. It is recommended best practice to replicate both new and existing objects so that all data is readily available in each bucket.

Object replication between Wasabi regions is a no cost service for Wasabi customers. Replication of objects between Wasabi regions only incurs the cost of the additional storage. Wasabi Object Replication offers data redundancy across regions, ensuring compliance with industry and governmental regulations while simultaneously reducing access latency. The result is an enhanced ease of doing business with more peace of mind than ever before.

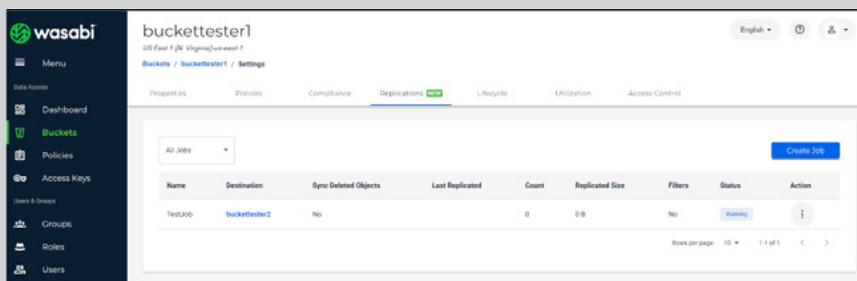
Find out how Wasabi Object Replication can be the perfect option for your organization by reaching out to our sales team [here](#).

Console View of Wasabi Object Replication



The screenshot shows the 'Create Replication Job' form in the Wasabi console. The form is titled 'Create Replication Job' and is located under the 'Replications' tab. It includes a 'Name and Destination' section with a 'Name' field (example: 'ReplicationJob1') and a 'Destination Bucket' field (example: 'bucketname01'). Below this is an 'Advanced Options' section with two checkboxes: 'Replicate only new objects' and 'Sync deleted objects'. At the bottom is a 'Filters' section with a 'Prefix' field (example: 'images') and an 'Object Tag' field (example: 'video, m3v'). There are 'Cancel' and 'Create' buttons at the bottom right.

Once a customer has chosen to create a replication job, they will see the following screen below. Customers will need to choose a name and destination for their replication and also have the option to replicate new and existing objects, sync deleted objects, or replicate by specific prefixes or object tags.



The screenshot shows the 'Replications' table in the Wasabi console. The table has a 'Create Job' button in the top right corner. The table columns are: Name, Destination, Sync Deleted Objects, Last Replicated, Count, Replicated Size, Filters, Status, and Action. There is one row with the following data:

Name	Destination	Sync Deleted Objects	Last Replicated	Count	Replicated Size	Filters	Status	Action
testjob	buckettester2	No		0	0 B	No	Running	

Depending on how many objects you have to replicate, the time it takes to replicate may vary. If your job status is running, as shown below, your objects are replicating regularly. One copy in the cloud is better, but having a second copy within a different region will take your object storage to the next level of safety.

For further information on the Object Replication functionality and to stay up to date on the rest of this feature release, visit the Wasabi Academy [here](#).

Wasabi provides simple, predictable and affordable hot cloud storage for businesses all over the world. It enables organizations to store and instantly access an unlimited amount of data at 1/5th the price of the competition with no complex tiers or unpredictable egress fees. Trusted by tens of thousands of customers worldwide, Wasabi has been recognized as one of technology's fastest-growing and most visionary companies. Created by Carbonite co-founders and cloud storage pioneers David Friend and Jeff Flowers, Wasabi is a privately held company based in Boston.

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