

Cache Reserve

Maximize your savings by getting closer to the dream of 100% cache hit ratio

The creeping cost of egress fees

Many organizations store large, infrequently changing assets like videos, images or large binary files on cloud provider networks like AWS, GCP or Azure, for easy access.

While this is more efficient and scalable than on-premises storage, any time an asset is fetched from the origin server hosted in cloud storage, an egress fee (or “egress tax”) is incurred. These egress fees can quickly add up and become a significant cost that is usually miscalculated or ignored during budgeting, leading to expensive overages.



Low cache-hit ratios

Cyclical content with high popularity can lead to low cache-hit ratios as each “cache miss” forces your content delivery network to fetch the requested files from the origin server.



High egress fees

Each cache miss incurs an egress fee or egress tax. These additional costs can quickly stack up when data is evicted more frequently from your cache.



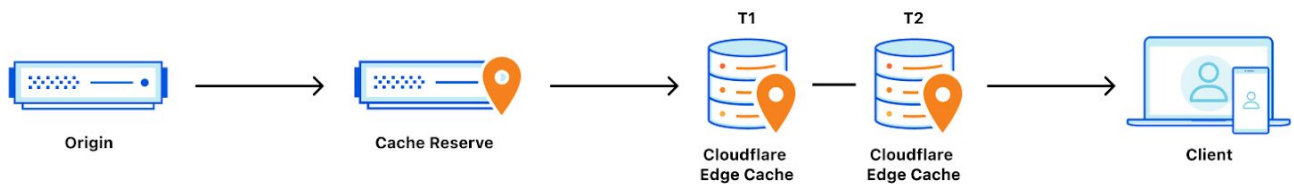
Poor performance

Multiple data fetch requests to the origin server can negatively impact the performance of your network, leading to a poor user experience.

Extend your cache and avoid origin egress fees with Cloudflare Cache Reserve

Maximize savings and increase the lifetime of your cache with Cache Reserve by automatically storing all cacheable files in Cloudflare's persistent storage buckets. Cache Reserve serves as the ultimate upper-tier cache, reserving storage space for your long-tail assets.

The longer your content is stored on, and retrieved from, Cloudflare's global content delivery network, the less you pay in egress fees to your cloud storage provider.



Increase cache hits

When you have massive content libraries the long-tail may still be very popular. Cache Reserve enables your content to be served from the Cloudflare network for longer, improving cache hit ratios.



Maximize savings

You shouldn't have to pay to access your own content. Cache Reserve offers affordable, consistent pricing, saving you money on egress fees and helping you maximize savings.



Optimize performance

With most of your data served from our cache, Cache Reserve shields your origin from unnecessary requests, ensuring faster performance and a better user experience.

With its one-click activation, Cache Reserve is easy to use, and it can be enabled both from the dashboard as well as the API.

Cache Reserve

Use Cloudflare's persistent storage to increase cache times [Documentation](#)

Cache Reserve Beta

Increase cache lifetimes by automatically storing all cacheable files into Cloudflare's persistent object storage buckets.

When there's a cache miss Cloudflare will first check these storage buckets before going to your origin.

Cached files are stored with a 30 day time-to-live (TTL), refreshed on cache hits.

Cache Reserve is designed for use with [Tiered Cache](#) for maximum origin shielding.

For details and pricing examples, see the [developer docs](#).

Requires Cache Reserve Plan

[Purchase Cache Reserve](#)