



A live origin designed to deliver the **Ultimate Viewer Experience**

Momento Media Storage is a purpose-built live origin service designed to overcome the limitations of traditional object-based storage origins and deliver the **Ultimate Viewer Experience**. With a relentless focus on speed, scalability, and reliability, Momento empowers content streamers to deliver high-quality, highly consistent, low-latency live streams.

Delivering the **Ultimate Viewer Experience** requires:



Zero Buffer Rate

Buffer free experience for every viewer



High Quality

Deliver each stream at the highest bitrate possible



Time to First Byte

Increase engagement by lowering latencies



Consistent Performance

Maintain performance even with viewership spikes

Only **Momento Media Storage (MMS)** Offers a live origin with:



Fast Response Times

High performance RAM cache ensures rapid response times for frequently accessed content



Highly Consistent Latencies

Low tail latencies significantly outperform object-based storage ensuring responses are returned consistently on-time



No Partitioning Required

Proactively manages load distribution, automatically mitigating hot partitions and preventing origin overloading



Intelligent Control Plane

Horizontally scalable in both gateway and storage layers allowing for variable loads without compromising performance



Robust Security

Built-in end-to-end encryption, per-request authentication, and deep observability



Momento Media Storage optimizes streaming performance to deliver the **Ultimate Viewer Experience**.

~~Erratic Latency~~

~~Low Bitrates~~

~~Buffering~~



Fast, consistent performance

Momento Media Storage provides consistently fast performance

Momento Media Storage is built for live streaming, delivering unmatched Zero Buffer Rates, the industry's highest reliability, and the lowest tail latencies. It is the best origin for the ultimate viewing experience.

Tail Latencies Object-based Storage vs. Momento Media Storage

Momento Media Storage has significantly lower tail latencies compared to typical cloud storage solutions resulting in consistently fast performance and reduced buffering.

Tail Latencies	p50	p90	p99	p999	p9999
Object-based Storage	18.3 ms	45.8 ms	160.3 ms	252.5 ms	394.6 ms
Momento Media Storage	1.4 ms	16.3 ms	24.6 ms	27.8 ms	32.6 ms

* Streaming Media Bouquet, 2Mib bitrate ladder and manifests, 4,000 requests per second

Momento Media Storage mitigates hot partitions

Momento Media Storage ensures consistent performance with timely manifests and fast response times, exceeding 99.99% SLAs. Its proactive partitioning and hot item mitigation strategies handle sudden traffic surges, guaranteeing a seamless viewing experience. Robust security measures protect content and viewers, while flexible scalability accommodates dynamic live streaming demands.

Timely Manifests

Fast Responses

99.999% SLA

Proactive Partitioning

Momento Media Storage optimizes streaming performance to deliver the **Ultimate Viewer Experience.**

Put Momento Media Storage to work for you at i.gomomento.com/mediastorage-docs or send a message to mo@momentohq.com.

