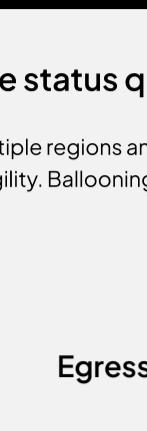


5 Costly AI Storage Traps

(and How to Avoid Them)



**AI moves fast.
Your storage should move faster.**

Egress costs, hidden fees, cold-data delays, and replication sprawl in general-purpose cloud storage are dragging performance and blowing up budgets. CoreWeave AI Object Storage unlocks a better way forward.

Trap

01

The replication roadblock

Copying data across legacy clouds and regions leads to overwhelming complexity, dead ends, and technical debt—with interest that compounds fast. CoreWeave Cloud sets you free.

The status quo

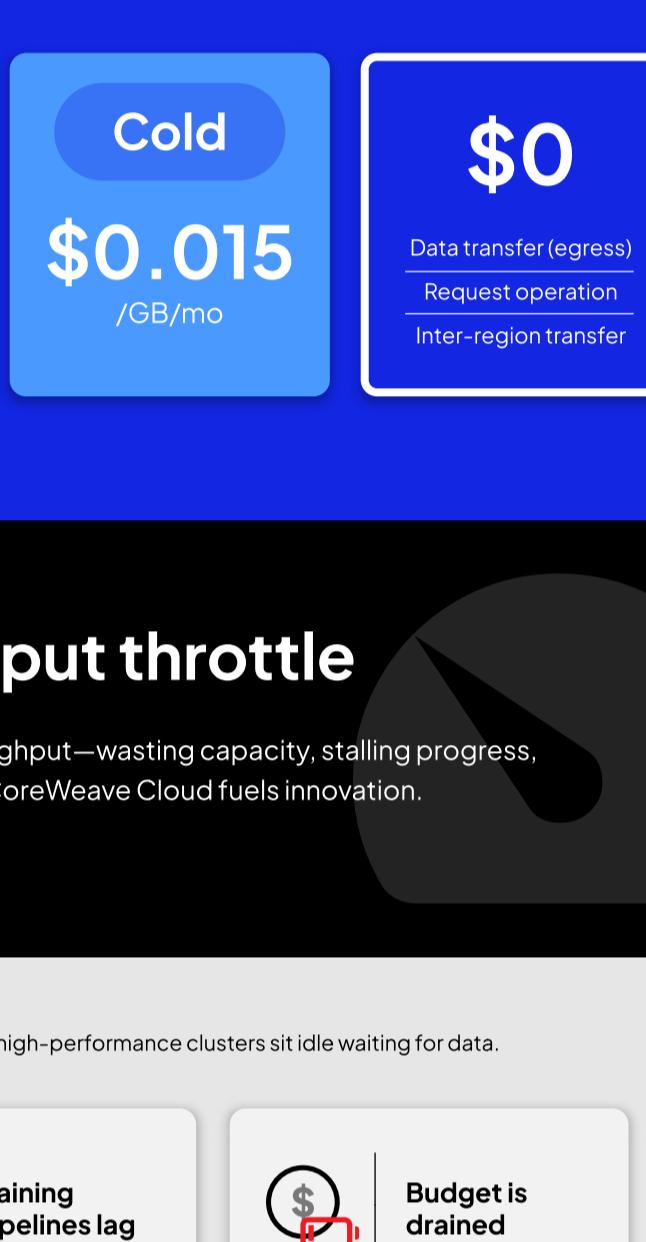
Multiple regions and clouds. Data divergence. Operational fragility. Ballooning costs.

- Egress costs
- Transfer latency
- Version conflicts
- Manual syncs
- No source of truth



CoreWeave advantage

CoreWeave AI Object Storage delivers a globally unified dataset while Local Object Transport Accelerator (LOTA) ensures local-disk performance wherever your GPUs run.



Trap

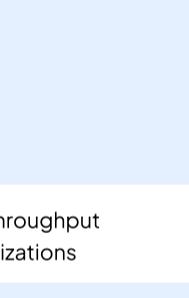
02

The transfer toll

Hyperscalers turn access into a tax, charging premiums for every gigabyte you want to move. CoreWeave Cloud gives you transparency with zero egress fees.

The status quo

Common storage rate components (hyperscaler)



Storage rate: **\$0.023/GB/mo**
Data transfer (egress): **\$0.09/GB for first 10TB**
Request operation (e.g. PUT/COPY/POST/LIST): **~\$0.005 per 1,000**
Inter-region transfer: **~\$0.02–\$0.09/GB**

CoreWeave advantage

Transparent usage-based pricing with zero egress, request, or transfer fees.

Storage rate

(automated, usage-based billing):

Hot

\$0.06
/GB/mo

Warm

\$0.03
/GB/mo

Cold

\$0.015
/GB/mo

\$0

Data transfer (egress)
Request operation
Inter-region transfer

Trap

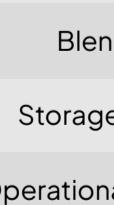
03

The throughput throttle

Legacy storage chokes throughput—wasting capacity, stalling progress, and inflating iteration costs. CoreWeave Cloud fuels innovation.

The status quo

Underpowered throughput means high-performance clusters sit idle waiting for data.



GPU utilization drops



Training pipelines lag

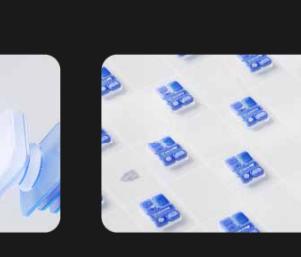
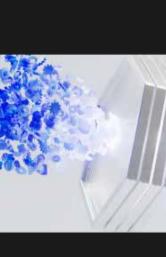
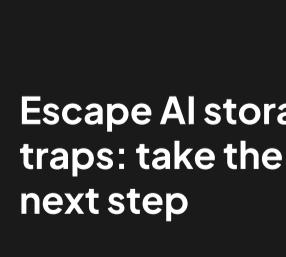


Budget is drained

CoreWeave advantage

InfiniBand networking and Local Object Transport Accelerator (LOTA) caching deliver up to **7 GB/s per GPU**.

Local proximity = higher performance



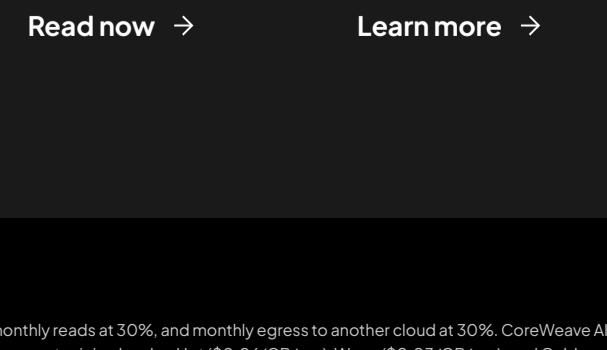
Throughput per GPU

<500 MB/s Hyperscaler throughput without optimizations

CoreWeave: Up to 7 GB/s

Up to 7 GB/s

Storage Performance



Trap

04

The archive abyss

You never know when a checkpoint becomes critical—but legacy tiering makes you wait for it.

The status quo

Restore delays and brittle lifecycle rules stall iteration speed. GPU time when speed matters most.

CoreWeave advantage

CoreWeave AI Object Storage

keeps all data instantly accessible, no restore delays, no tradeoffs.

No restore delays

No hydration

No tradeoffs

Up to 80%

of stored AI data sits inactive, but could be needed at any moment.

Escape AI storage traps: take the next step

CoreWeave-built-native approach to AI storage built into the essential cloud for AI-native performance, control, performance, and cost efficiency.

Contact us

Set your data free

Learn how you can eliminate where your data is used—with CoreWeave Zero Egress Migration.

Discover how →

Read the blog

Read the latest CoreWeave AI Object Storage news.

Read now →

Why CoreWeave Cloud

Learn why the CoreWeave AI Object Storage is the best choice for your AI needs.

Learn more →

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