

Price, performance and privacy: the 3 criteria you should consider before choosing an object storage solution



Object storage



You may be thinking about this type of storage because you have a **large amount** of data to manage – whether it's **semi-structured** or **unstructured**, rarely modified or even static.

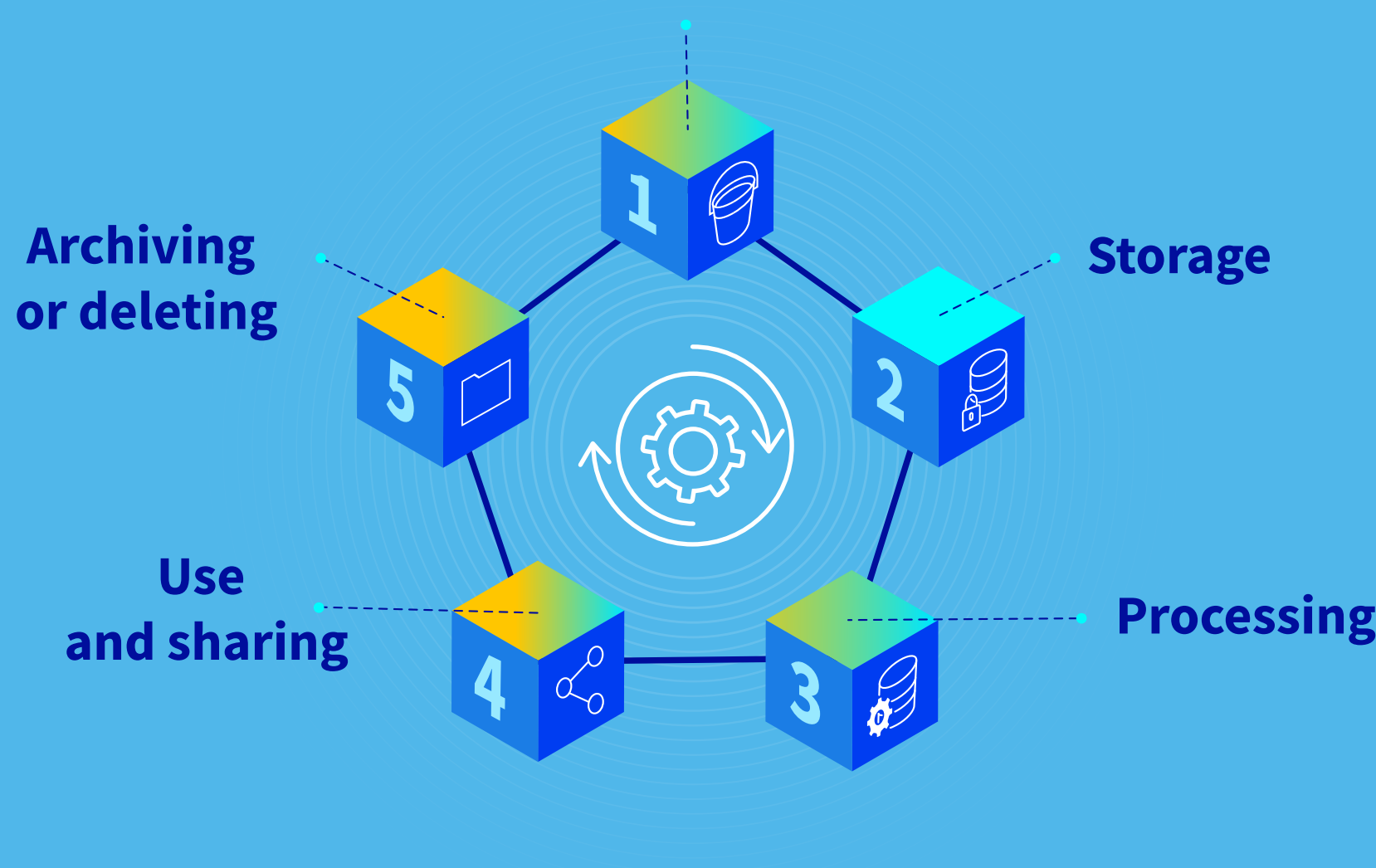
An increasing number of use cases

Many organisations now use object storage for their applications.

Data lakes
Video streaming
Static websites
Backup and disaster recovery
Multimedia platforms
Cloud Storage CCTV **Big data**
Storage and distribution of multimedia content
Data analytics IA Log files
Cloud native applications

As data continues to grow, it's important that we not only harness it, but also maintain control over it.

The data lifecycle



Properly managed, data helps improve our understanding of customer needs, accelerate decision-making, and drive growth.

When cloud computing is required



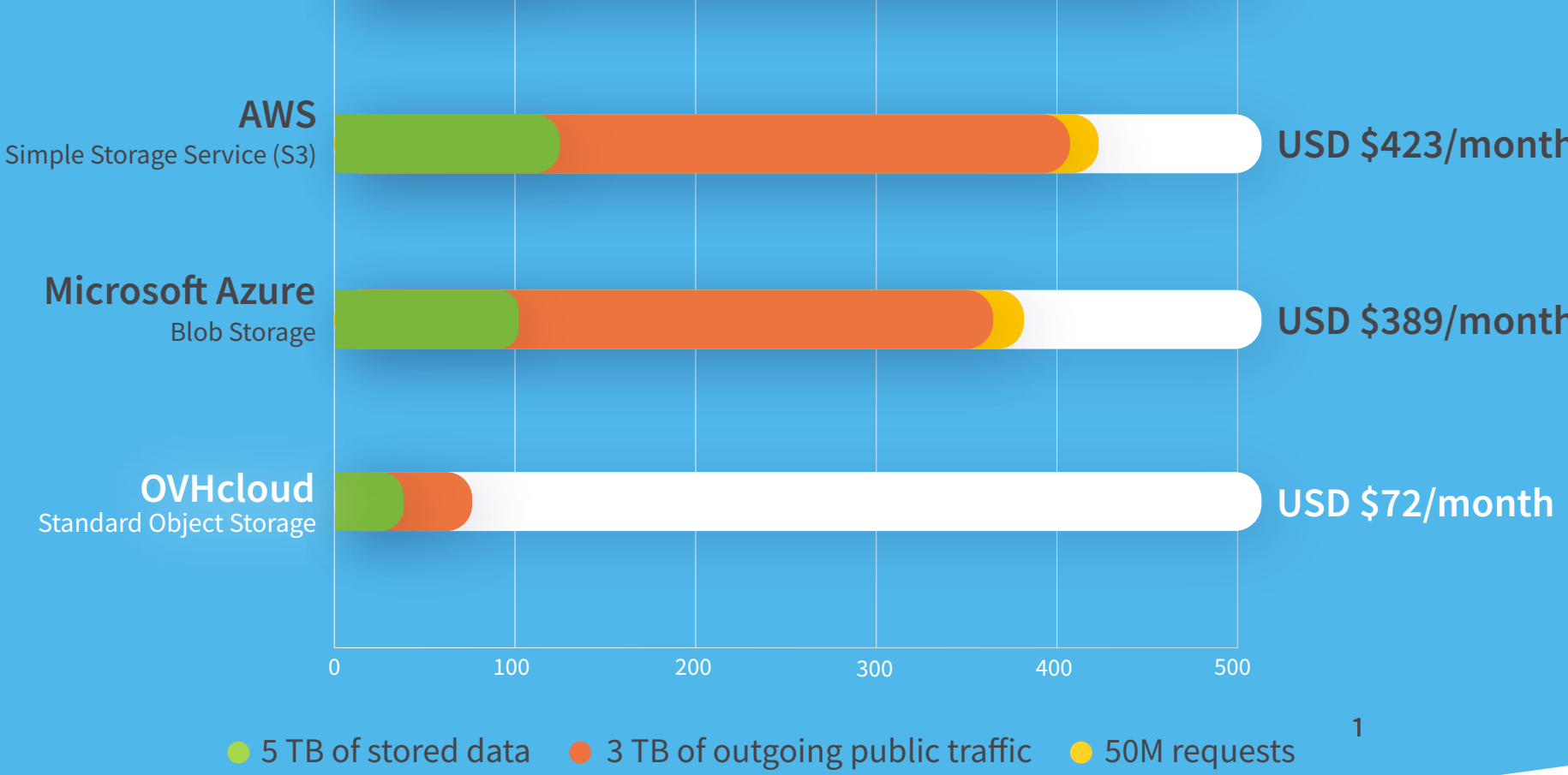
Keeping control of your costs

You need the ability to estimate your monthly bills, as well as your annual budget, even if your needs fluctuate.

The 3 factors to consider

- 1 The price compared to the amount of data stored
- 2 The cost of traffic, i.e. the bandwidth required to transfer your data
- 3 Any fees relating to the number of API requests

The most difficult factor to estimate

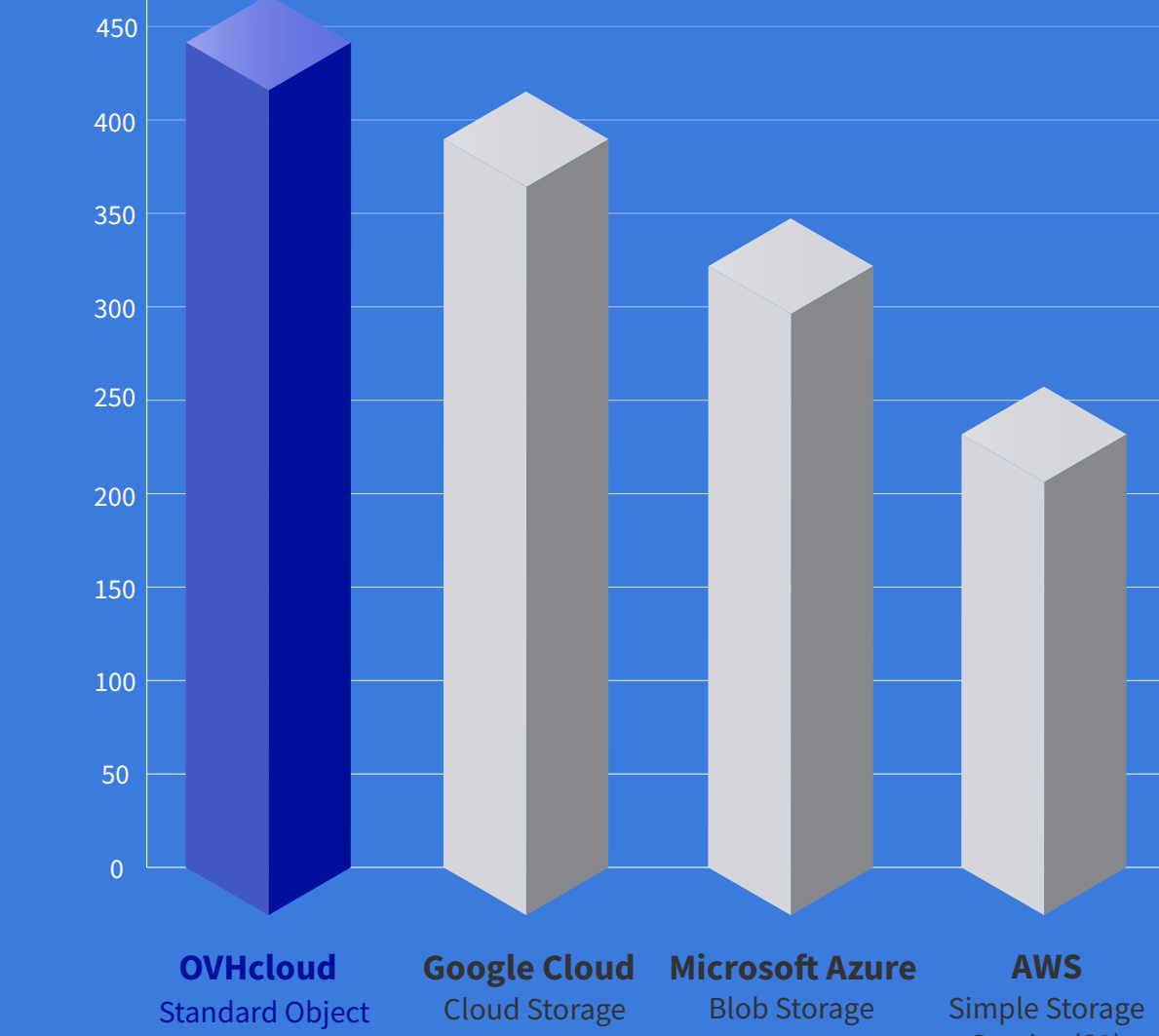


What level of performance does it offer for each use case?

Backup



The main operation is to download data. Object storage implements a Multipart Upload equivalent which allows a large file to be divided into several chunks and the upload to be parallelised.



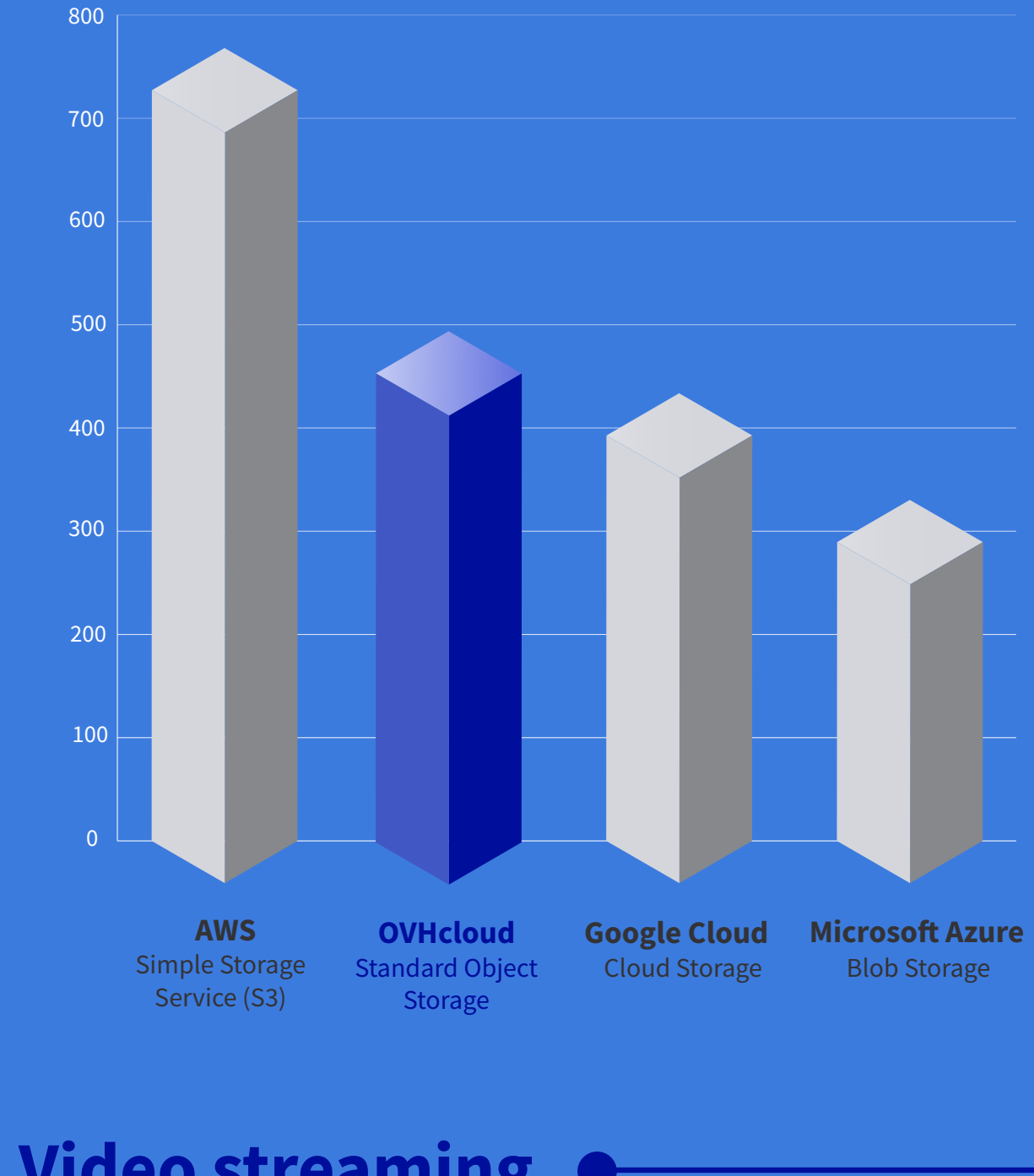
This test measures the performance of a download in multiple chunks with the following configuration:

- Size of a **64 MB** block in several chunks
- **32 MB** parallel download
- **5 GB** objects

Static websites



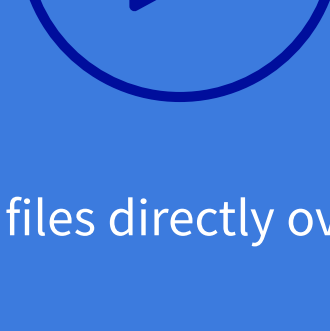
Object storage offers the ability to transform an entire bucket into a static website. This allows you to manage a single page like a JS and CSS application.



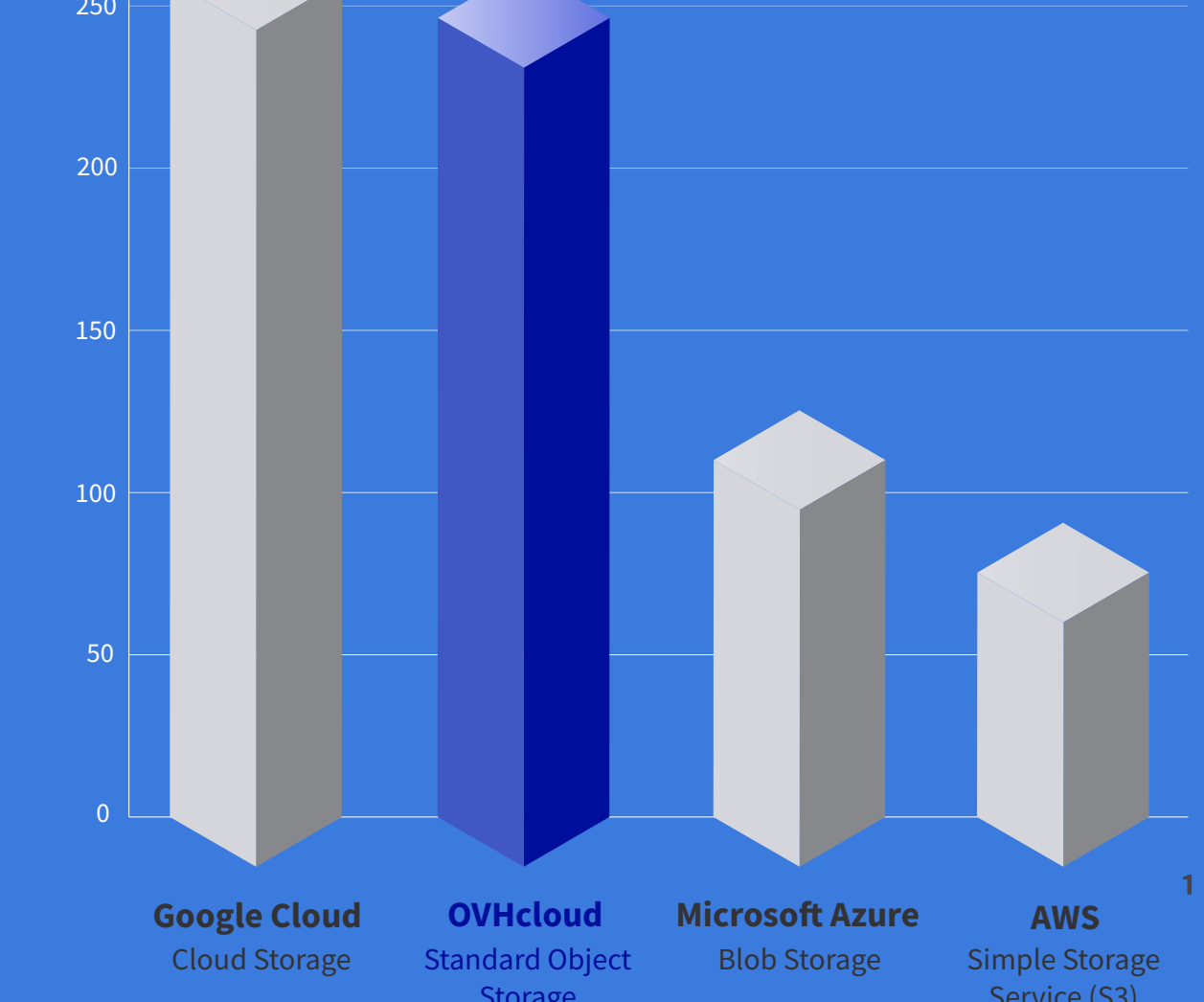
Here is the configuration used to carry out this test:

- **5 files of 512 KB** stored in the same bucket
- **32 simultaneous threads**

Video streaming



Object storage is ideal for hosting videos. Its ability to stream files directly over the web makes it easy to connect to streaming platforms.



This test was carried out with the following parameters:

- **32 MB** objects
- **32 objects**
- **5-second** standby time
- **32 customers**
- **0.2 seconds** of delay between each customers

66 %

That's how much of the global internet traffic was taken up by videos in 2022.²



Want to see how much you can save with our **Standard Object Storage** solution, without compromising on performance?

Sources :
¹ The OVHcloud Standard Object Storage Benchmark competitive study, conducted by Cloud Mercato in October 2022.
² According to *The Global Internet Phenomena Report* published by Sandvine in January 2023.