

TECH BRIEF

# Cloud Object Storage

The solution designed for secure, reliable data archiving.

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# Cloud Object Storage: what is it?

**Cloud Object Storage** is a service designed for saving large volumes of data simply and securely, automatically creating **multiple copies** of objects saved **across multiple storage nodes**.

Any hardware faults are managed automatically by the system which restores lost copies from the other available storage nodes.

The Cloud Object Storage service offers the choice of **2 payment plans**, designed to meet different requirements:



## Pay-per-use

Charged on an hourly basis for space used and outgoing traffic (incoming traffic is free).



## Monthly fee

Charged monthly for packages of a fixed size, designed for long term management of files and folders.

# Cloud Object Storage: Features



## No performance limits

Performance is not limited by the number of objects uploaded: it makes no difference whether you're managing millions of objects or just a few dozen.



## S3 compatible

Uploading compatible with Amazon S3 standard, based on REST and HTTP/HTTPS protocol.



## Multiuser

Option to create separate accounts, each with their own login details.



## Web access

Each object uploaded is assigned a unique URL address which is made public to facilitate sharing.



## Granularity and security

Use of an Access Control List (ACL) to make uploaded content available publicly or to other users of the service.



## Geographical distribution

Service available in Italy, the Czech Republic, France, Germany, UK and Poland.

# Cloud Object Storage: solutions offered

**4 TB**

- 40 TB traffic OUT
- Unlimited traffic IN

**8 TB**

- 80 TB traffic OUT
- Unlimited traffic IN

**16 TB**

- 160 TB traffic OUT
- Unlimited traffic IN

**24 TB**

- 240 TB traffic OUT
- Unlimited traffic IN

**32 TB**

- 320 TB traffic OUT
- Unlimited traffic IN

**48 TB**

- 480 TB traffic OUT
- Unlimited traffic IN

**64 TB**

- 640 TB traffic OUT
- Unlimited traffic IN

**Pay-per-use**

Charged hourly according to usage for storage space and outgoing traffic; incoming traffic is unlimited and free of charge.

# Cloud Object Storage: benefits

The Cloud Object Storage service is **ideal for managing large volumes of unstructured data**, allowing you to benefit from **a repository with unlimited scalability** with the option to **integrate with other cloud services** via a widely used, market standard protocol.



## Cost effective

Lower costs than Block Storage services, thanks to high scalability and improved efficiency in managing large volumes of data.



## Customizable

The use of customized metadata makes it possible to organize, categorize and search data efficiently, simplifying data management.



## Resilient

Automatic creation of multiple copies of objects uploaded to the system, saved across different storage nodes.

# Cloud Object Storage: use cases

8 examples of use:



## **IOT and Big Data**

Storage of large volumes of data for analysis and the use of Artificial Intelligence and Machine Learning.



## **Backup and Archiving**

Protecting and archiving data more economically than using block storage or file servers.



## **Protection from ransomware attacks**

Prevention of deletion or tampering (by ransomware) thanks to Object Locking.



## **Tiering**

Cold tiering for long-term data storage, replacing on-premises technology.



## **Cloud Native applications**

Thanks to S3 protocol compatability.



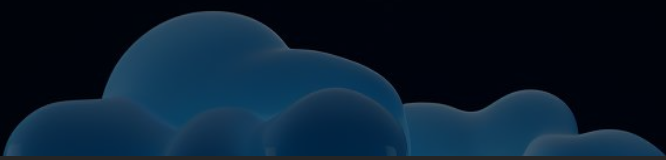
## **File Sync and Share**

User data and file sharing centralized in the Cloud, using third party portals.



## **GDPR and personal data**

Suitable for protection of sensitive data, thanks to a structure that permits usage of an ACL (Access Control List).



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