

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

Package	Traffic IN	Traffic OUT
4 TB	Unlimited	40 TB
8 TB	Unlimited	80 TB
16 TB	Unlimited	160 TB
24 TB	Unlimited	240 TB
32 TB	Unlimited	320 TB
48 TB	Unlimited	480 TB
64 TB	Unlimited	640 TB
128 TB	Unlimited	1280 TB
256 TB	Unlimited	2560 TB

**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.



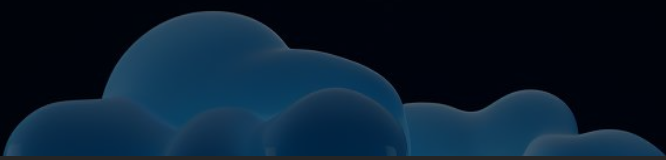
## **File Sync and Share**

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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