

IONOS

FACT SHEET

S3 Object Storage

Fully native S3 storage in line with standards

More cost-efficient than on-premise data storage.



Secure

Store your data redundantly on multiple nodes to protect against failures.



Scalable

Enjoy flexible scalability, almost unlimited storage space and fast data retrieval via buckets.



Intuitive

Integrate easily into automated processes and access via http(s) with the REST API or third-party SDKs.



S3 compatible

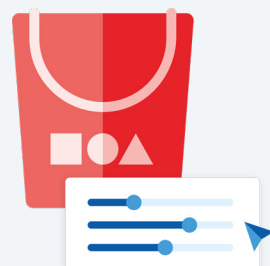
Profit from a fully independent storage environment and user-defined metadata.



Cost-efficient

Pay only for the storage and time you actually use without a minimum price or contract term.

Store and manage variable data volumes with full flexibility and cost efficiency. S3 Object Storage is ideal for backups, archives, enterprise data, media libraries, or unstructured raw data.



Features at a glance

Data security

- ✓ Secure access credentials
- ✓ Definable access rights
- ✓ S3 Object Lock for long-term storage
- ✓ 24/7 recovery thanks to data replication

Scalability

- ✓ On-demand storage volumes
- ✓ Quick scalability via connected nodes
- ✓ Almost unlimited storage space (exabytes)

Usability

- ✓ S3 bucket configuration in the Data Center Designer or via the Cloud API
- ✓ Centralized data administration
- ✓ Accessible via HTTP-based REST APIs
- ✓ Standardized and user-friendly back-up solutions

Independence

- ✓ Interoperable and compatible with other S3 Object Storage systems
- ✓ Independent of the storage environment
- ✓ Distributed access control
- ✓ Multi-tenancy capability for dedicated application areas and namespaces

Billing transparency

- ✓ Usage-based billing
- ✓ No minimum price or contract term
- ✓ Lower costs at higher data volumes

Use cases for S3 Object Storage

E-commerce

- Get greater download speeds, especially with larger file sizes
- Improve your web server performance
- Boost network bandwidths
- Reduce latency (by geographically distributing objects)

File sharing

- Utilize highly scalable S3 Storage as an alternative to Dropbox or Google Drive
- Combine with an independent tool like S3FS to build your own file sharing system
- Integrate S3 objects into a local file system for application use

Big data analysis

- Use S3 Object Storage as a data lake for mass data
- Store metadata in an encrypted and anonymized format
- Identify connections by running targeted data bucket searches

Backup and disaster recovery

- Restore almost instantly with redundant backups
- Benefit from lower Recovery Time Objectives (RTO)
- Secure recurrent data backups with cost-effective object storage
- Reduce Recovery Point Objective (RPO) intervals



Try S3 Object Storage for free

Sign up for 30-day free trial and get started with \$500 in credit.

cloud.ionos.com/storage/object-storage

We're here to help

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