



Your benefits

- Fully Amazon S3 API-compatible object storage
- Alternative storage models: Combinations of on-premise and storage-as-a-service models available
- Ideal for automatic tiering or backup and archiving of data
- Flexible storage capacities, cutting-edge technology, maximum cost efficiency
- High availability-level data centers in Germany with the most up-to-date infrastructure and security solutions
- No costs for expensive storage arrays, management and administration; shift in investment from CapEx to OpEx



DO YOU WANT TO KNOW MORE?

Your personal contact person will be happy to advise you and discover together with you what concept bestfits your needs.

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INDEVIS CLOUD STORAGE GET INTO THE CLOUD

90% of the global data has come about in the last two years. Ever greater numbers of companies are facing considerable challenges in coping cost-effectively and securely with the predicted growth in data levels in the coming years. The greatest share of data in the corporate world is not transactional and is therefore referred to as ‚cold‘ data. Nonetheless, this business-critical data is a valuable commodity and must be saved, secured and in many cases also archived.

STORAGE SERVICES WITH AMAZON S3 API COMPATIBILITY

The flexible storage services offered by indevis enable you to expand the storage capacity of your company without investment costs. The fully Amazon S3 API-compatible object storage in the indevis data centers is extremely cost-efficient and provides a powerful range of functionality. In this way, we offer you a simple path for most of your data to your hybrid or private cloud along with an absolutely secure home for the data in the indevis data centers in Germany.

ALTERNATIVE STORAGE MODELS

With this service we provide you with the storage capacity you need for initial storage purposes or for additional lifecycles of your data. Compatibility and interoperability with many applications are ensured by the Amazon S3 Standard. On top of that, new storage models can be deployed – for example, in a combination of on-premise and storage-as-a-service models for automatic tiering or backup and archiving of your data.

FLEXIBILITY THROUGH STORAGE-ON-DEMAND

indevis Cloud Storage allows you to plan and work independently of storage requirements since sufficient storage can always be provided, even in the event of short increases in your capacity demands. This grants you a maximum level of flexibility with the latest technology on hand and without having to invest in expensive storage arrays and their management and maintenance.

POSSIBLE APPLICATIONS

- Off-site replication of data: secure redistribution of data
- Georedundancy and distribution of data across different sites
- Data backup – our service is compatible with many systems, such as the following: VERITAS, VEEAM, COMMVAULT, RUBRIK and SPECTRUM PROTECT (TSM)
- Media and entertainment – compatible with typical media and digital asset management systems
- Bio-sciences – for example, in DNS research



INDEVIS CLOUD STORAGE OPERATION

The indevis Shared Storage infrastructure comprises a number of servers with integrated hard disk capacity (node principle) located in one of the indevis data centers. The data is shared between different systems in order to ensure its availability. The data is always internally replicated (consistency level) so that each data block saved is available at least twice. The replication is used solely to guarantee the availability of the service. The provided service is accessed by default over HTTPS and the Amazon S3 (Simple Storage Service) API. Other protocols can be made available as options. The *indevis Cloud Storage* infrastructure supports all applications developed for Amazon S3 and is accordingly compatible with that standard.

BENEFITS OF INDEVIS CLOUD STORAGE

Features	Function	Benefits
Full S3 API compatibility	Support of numerous S3 applications and all S3 API calls	Every application developed for Amazon S3 also works with <i>indevis Cloud Storage</i> and developers can continue to use the Amazon S3 SDK.
Self-service	Self-service portal	Users can select storage services on demand from a service catalog through a self-service portal for provisioning of the services.
Data security	Support of replication and erasure coding	Creation of logical storage policies for groups or users using erasure coding, replication or a combination of the two. Effortless compliance with requirements for data security and availability using SDS policies.
Single or multi data centers	Supports georedundant distribution	Enables the distribution of data throughout any number of data centers with latency optimization and a global namespace.
Security and encryption	Supports SSL and encryption of data during transfer and storage.	SSL support for secure access and support of AES 256 encryption for data stored both ,on premises' and in public clouds.
Configurable consistency levels	Supports strong, eventual and custom consistency levels	Configuration of logical storage policies with the data consistency levels according to requirements governing data security and availability.
Data compression	Supports data compression	Reduces storage space requirements and increases capacity savings by means of data compression.
Versioning	Supports the versioning function of the S3 API	Users can retrieve different versions of the same file from the system with an S3 client.
Geo dispersal / geo clusters	Support of multi data centers and multi-region deployments.	Deployment of clusters across different data centers for disaster recovery purposes and to ensure that data has high availability levels and is always accessible.
Replication (CRR)	Supports replication on other S3 object storage platforms	Allows the replication of objects on other S3 endpoints for disaster recovery purposes.

INDEVIS DATA CENTERS FOR CLOUD STORAGE

indevis has been operating its own data center in a large Munich bank since the year 2000, and from 2008 a second identical data center as a co-location for the purpose of redundancy. Both data centers are interconnected via a 10-gigabyte fiber optic link and are constantly maintained with the latest security advances – and therefore serve as your ideal Amazon S3 API-compatible cloud object storage.

In advance of every storage project, a personal discussion is held with our network and data center experts. Just ask us for a non-binding offer – we would be delighted to advise you.

About indevis GmbH

Since 1999 indevis GmbH, ISO 27001 certified, has been providing IT security, datacenter and network solutions, accompanied by professional consulting, management and support services. In doing so, indevis fully meets the demands and requirements set out by the economic sector and public authorities and higher education institutions.

As one of Germany's leading managed security service providers, indevis is the partner for IT security and network technology for companies of all sizes and in any sector – after all, IT security is not a given, but rather has to be strategically planned.

indevis offices are located in two cities in Germany: Munich and Hamburg. Additional staff members work at a number of other locations distributed throughout Germany.



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