S4 – Cloud Object Storage

Efficient, Secure, Scalable, Locally-based – with significant cost savings compared to comparable solutions

Organisations face the challenge of storing increasingly large volumes of data, which often leads to ongoing financial concerns in providing highly secure storage that meets compliance requirements. S4 – Cloud Object Storage from [COMPANY NAME] offers a unified, software-defined solution for long-term storage needs, suitable for both traditional and next-generation workloads. With S4, files are written to disk as a single object with detailed metadata, allowing for a balance between easy management, global accessibility, and data protection. Additionally, S4 takes advantage of the flexibility of modern Cloud infrastructure to effortlessly deploy new nodes and objects across a distributed system without compromising security or accessibility. Furthermore, S4 Object Storage offers significant cost savings of up to 65% compared to similar solutions on the market, enabling reinvestment in other areas of your business.

S4 Object Storage provides the following benefits:

* Streamlined backup and archiving processes, with seamless integration with our CMP for an ISO repository and a low-cost target for snapshots and non-production backups.
* A versatile storage solution that supports Object, NFS, and HDFS workloads on a single platform.
* Optimised utilisation of server resources by offloading various objects (e.g., files, media, images) from computer resources, reducing the load on servers.
* Unlimited scalability through a user-friendly online portal, allowing for easy management across two data centres with the option to add a third if needed.
* Operational resilience with features such as geo-protection, mirroring and erasure coding, 3N redundancy, intelligent data placement, automatic recovery of lost or corrupted objects, and automated handling of drive failures, minimising potential downtime.
* Efficient management of large volumes of data, enabling consolidation of extensive data lakes for advanced AI, machine learning, and big data projects using the HDFS data service.
* Full cost control and excellent value for money, eliminating the need for maintaining legacy storage in favour of an affordable Cloud solution with transparent billing and no egress or support charges.
* Strong security measures without compromising accessibility, supporting both Object and HDFS protocols on a globally accessible, highly available platform.
* Comprehensive global coverage with access to over 750 networks worldwide.

Simplicity: S4 Object Storage simplifies complex storage environments by providing a single namespace with universal accessibility and centralised management. This reduces the challenges associated with long-term retention and management of critical data.

Scalability: S4 Object Storage is compatible with various hardware systems and leverages the scalability of the Cloud, enabling rapid deployment of new resources through a centralised online portal. This provides complete control and visibility over the entire storage ecosystem, allowing for flexible scaling as needed.

Security: Data stored in S4 Object Storage is fully encrypted using Advanced Encryption Standard (AES) 256-bit symmetric keys, both at rest and during transit with secure transfers over Secure Sockets Layer (SSL). With these security measures in place, you can focus on your core business activities knowing that your critical data remains fully protected.

Locally-based: S4 Object Storage ensures that your data is stored within our world-class data centres located in the UK, guaranteeing that it remains within the country at all times. This simplifies compliance obligations related to data storage and sovereignty concerns.