

KloudStor Storage as-a-Service

A high performing and fully managed Object-based storage service that delivers value through dedicated compute resources across multiple locations, over on-premise or cloud-based infrastructure with a pay-per-consumption model.

KloudStor Storage as-a-Service: Object storage

KloudStor Storage as-a-Service offers a complete portfolio of managed storage solutions that enables you to get the most out of your storage. Powered by enterprise class industry proven storage virtualization technology, KloudStor's Storage-as-a-Service delivers the ability to centrally manage, automate and protect your data across your diverse storage requirements, giving you the flexibility and scalability to control what you want to store and how you want to protect your data.

An object-based solution that is designed to provide your storage, your way. A highly scalable and resilient solution designed to work around hardware failure and can tolerate up to 12 disks failures, storage node failures and even an entire site failure. This erasure-based solution ensures compatibility with applications using the industry standard S3 protocol and allows multi-tenant management. Like all products in our Storage-as-a-Service suite, it can be delivered on premise on a pay-per-use consumption model.



PERFORMANCE

- Linearly scale-out capacity and throughput
- Highest performing parallel architecture
- Encapsulated metadata with ad hoc search & query

SIMPLICITY IN MANAGEMENT

- Rapid deployment
- Centrally managed using Web GUI for entire storage infrastructure

RESILIENCY & RELIABILITY

- Symmetric architecture
- No separate proxies or caching servers
- Elastic content protection with automated management of replication and erasure coding

FLEXIBILITY & SCALABILITY

- Capacity on demand
- Scale up or down

PERFORMANCE & SECURITY

- On Premise equipment
- Intelligent fault diagnosis
- Data Protection

KloudStor Storage as-a-Service

Object Storage that leverages on simple and emergent behavior with de-centralized coordination to handle rate and flow of data designed and catered for customers who have large-scaled storage system needs, complex multi-site management and optimal performance requirements



FEATURES

- ✓ Automatic management of entire content lifecycle from creation to expiration including replicas, erasure coding scheme, delete protection and deletion
- ✓ Innovative algorithm and caching to reduce overhead and manual management
- ✓ Manage, monitor and control entire cluster with centrally managed, monitored and administration via web-based console
- ✓ Granular access rights with security and authentication controls over user named objects, buckets and domains

Technical Specifications *

Base Features	Asynchronous replication Auto Load-Balancing Darkive Parallel Uploads
High Availability Features	Redundant hot-swap drives, fans, power Automatic Cluster Rebalance Multi-Path support
Device Support	NL-SAS HDD, SAS HDD, SSD
Data Protection	Erasure Coding Replication High Availability WORM Legal Hold Encryption

Network

Network Protocols	HTTP/S for Web browsers S3 Compatible API NFS
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Hosts

Interface	100/1000/10GBaseT Ethernet
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Management

Protocols Supported	SNMP, SLL, SSH, SMTP, HTTP(s), REST API
Management Consoles	WEB GUI, CLI
Management Software	Storage management console Remote diagnostics Nondisruptive updates Volume expansion
Supported Web Browsers	IE 8.0 , Microsoft Edge, Google Chrome & Firefox

**Specification varies according to actual hardware requirements, system configuration, workload and service configuration and set-up*



For more information, please visit www.kloudstor.asia or email us at enquiry@kloudstor.asia