KloudStor Compute-as-a-Service

A fully managed Software-Defined Storage solution that delivers value for SAN and Hyperconverged (HCI) environment . The service methodology encompasses flexible and scalable storage demands that meets to changing business and application growing needs

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KloudStor Compute as-a-Service offers a complete portfolio of managed storage solutions that enables you to manage and automate your capacity provisioning centrally. Powered by storage virtualization technology and a comprehensive rich set of data services, it provides the ability for data placement across your diverse and multiple storage requirements, giving you the flexibility and scalability required to control what you want to store and how you want to protect your data.

The solution can be delivered on premise or managed via cloud network and leverages on a pay-per-use consumption model. This allows organizations to focus on their core business while being able to meet the requirements of changing storage needs, on-demand requirements with scalability and flexibility. It includes remote monitoring and management of the businesses' devices, ensuring data are not lost, demands are met, performance are optimized, and continuous protection & security not compromised.

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Suite of Software-Defined solutions powered by Hyper-Converged infrastructure settings catered for customers who have large-scaled storage system needs, complex multi-site management and optimal performance requirements

BOOST IN PERFORMANCE

- Faster applications
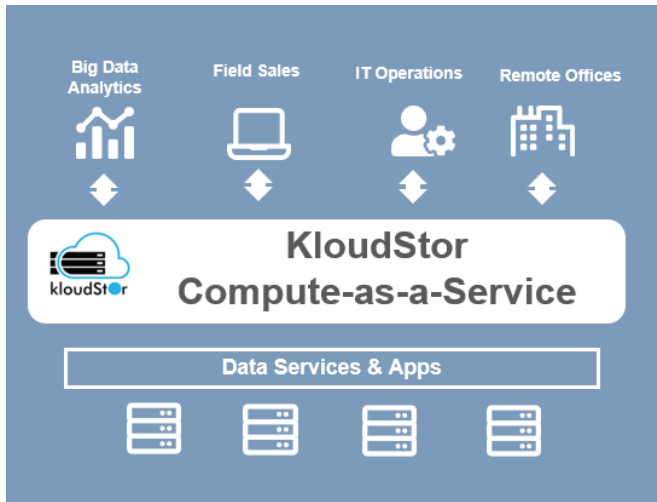- Better performance

HIGHER AVAILABILITY

- Maximize uptime with zero-touch failover
- Remote Monitoring & Management by KloudStor

FLEXIBILITY & SCALABILITY

- Capacity on demand
- Scale up or down

PERFORMANCE & SECURITY

- On Premise equipment
- Intelligent fault diagnosis
- Data Protection

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FEATURES

✓ Balance capacity and load uniformly across mixed hardware and models

✓ Automate Data Recovery through backups, integrate with backup tools, snapshots and continuous data protection

✓ Asynchronous replication, resynchronization and failback

✓ Automate data tiering across storage classes

✓ Remote site redundancy with automatic failover

Technical Specifications *

Base Features	Auto-tiering, Snapshots, Asynchronous replication	Storage Pool	Caching	De-Duplication	Storage Load-Balancing |High Speed Caching	Quality of Service Controls| Thin Provisioning
High Availability Features	Redundant hot-swap drives, fans, power	Dual power cords	Hot standby spare	Automatic failover	multi-path support
Device Support	NL-SAS HDD, SAS HDD, SSD
Data Protection	RAID levels 1,5,6 & 10	Asynchronous Replication	Synchronous Mirroring	Snapshots / Backups	
Physical	
Dimensions/Weight	Height - 43mm	Width - 482mm	Depth - 749mm	Weight - 16.58kg
Network	
Network Protocols	CIFS / SMB for Windows	HTTP/S for Web browsers
Network Services	DHCP or Static IP address assignment
Supported Network Client OS	Microsoft Windows 8.1, 10 & 11.| Windows Server 2016, 2019 & 2022| Linux
Hosts	
Interface	Fibre Channel	iSCSI	SMB	CIFS
Management	
Interface Types	10/100/1000 Ethernet
Protocols Supported	SNMP, SLL, SSH, SMTP, HTTP(s)
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
Hypervisor	VMWare	Hyper-V

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