ACRONYM | OBJECTSTORE SERVICE
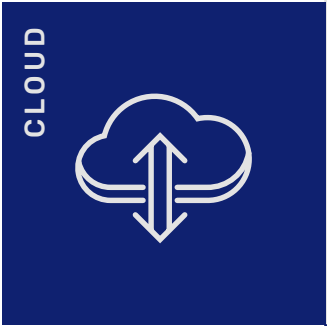
A storage solution born to handle big data

Now that virtually every industry has become digital first, businesses have become faster, more collaborative and more efficient. But these benefits aren't without risks. Increased use of applications and online services means businesses – large or small – are experiencing unexpected surges of unstructured data, which can overwhelm traditional storage platforms.

Acronym's ObjectStore can help solve this problem. It offers a multi-purpose, distributed, object-based storage system designed to support large-scale unstructured data repositories. It allows you to store, protect, preserve and retrieve your data in a single platform and provides access to metadata and content search tools that enable faster and more accurate search queries.
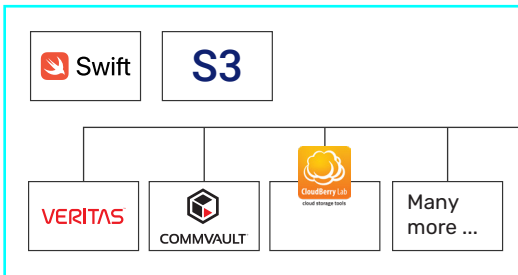
Through these features, you'll better understand the stored content, how it's all used and how your objects relate to each other. This will enable more intelligent automation and integrate big data analytics based on best-in-class metadata architecture.
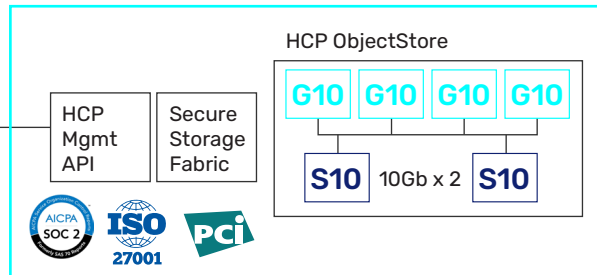
WHY IT MATTERS

A cost-effective, easy-to-manage solution, ObjectStore is ideal for data archiving applications, where accessibility and durability mean everything. Powered by HCP, this Canadian-owned and -maintained platform ensures your data resides in Canada under Canadian legal jurisdiction. It also maintains Amazon S3 compatibility, so applications that interact with the Amazon RESTful Storage API can be easily integrated.

HCP Access API

Swift | S3

VERITAS | COMMVAULT | CloudBerry Lab cloud storage tools | Many more ...

Acronym's ObjectStore Environment

HCP ObjectStore

G10 | G10 | G10 | G10

S10 | 10Gb x 2 | S10

HCP Mgmt API | Secure Storage Fabric

AICPA SOC 2 | ISO 27001 | PCi

OBJECTSTORE SERVICE SPECIFICATIONS

	G10	VM1	S10	S30
Node Type	Access Storage		Economy Storage	
Storage	DAS, SAN, Cloud		DAS	
Disks	12 HDD x 4TB, RAID-6	VMDK or RDM	60 HDD x 10TB erasure code	954 HDD x 10TB erasure code
SAN Fibre Channel	80PB[1]	37PB[1]	N/A	
Cloud	Unlimited Amazon, Microsoft Azure, Google, S3[1]			
Scale	4 to 80 nodes	4 to 40 nodes	1 to 80 nodes	
Minimum	1TB	1TB	192TB	560TB
Maximum	1,008TB per node	944TB per node	560TB per node	9.4PB per node
All Nodes Total (raw)	800PB per site 4.8EB (6-site geo-distributed erasure coding)			
Hardware	2RU per node	User Supplied	4RU per node	16RU to 68RU per node
CPU and Memory	2 x 6 cores	2 x 8 vCPU	2 x 6 cores	4 x 6 cores
	64 to 256GB	16 to 256GB	64GB	512GB
SSD	2 x 1.9TB [2]	N/A	0	6 x 200GB
Networking	4 x 10GbE Base-T 4 x 10GbE SFP+[1] management port	4 x pNIC	4 x 10GbE SFP+[1] 4 x 10GbE management port	4 x 10GbE Base-T 4 x 10GbE SFP+[1] 4 x 1GbE management port

VMDK = Virtual Machine Disk, RDM = Remote Device Management, SSD = Solid State Disk, GbE = Gigabit Ethernet, HDD = Hard Disk Drive, RU = Rack Unit, vCPU = Virtual CPU, pNIC = Peripheral Component Interconnect Network Interface Controller. [1]Configuration options. [2]Supported hypervisors include VMware ESXL and KVM.

THE BENEFITS

Protect your data end to end	• Firewalled infrastructure, with data encrypted both in flight and at rest
Optimize your data lifecycle	• Immutable storage (WORM) with 100% log retention of interactions • True End of Life destruction with certification
Enjoy cost efficiency	• Multiple storage tiers to match your needs • No hidden fees or unpredictable costs from egress, puts, gets, scans, retrievals and deletes
Increase search accuracy	• Full context indexing, including metadata • Incorporates programmatic search into app stack
Insulate data from disruption	• Multiple storage nodes with option for geo-redundancy • Autonomic infrastructure isolates data from upgrades and equipment replacement
Secure data sharing between app environments	• Unique keys can be created for each data access client

To learn more about ObjectStore, contact us at: Sales@AcronymSolutions.com

1.866.345.6820

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