ObjectStore Service

Acronym can bring highly scalable storage, protection and easy retrieval to your unstructured data

Acronym provides an object-based storage solution as part of its Backup as a Service suite of services to provide more capabilities, flexibility and configurability for your business.

With Acronym's ObjectStore Service, you can not only address today's challenges around storing and protecting data, but also set yourself up for the continued explosive growth of data usage in the months and years ahead.

Why it matters

Business of all sizes and types are experiencing an explosion of unstructured data, in large part due to the proliferation of applications, services and workloads.

Acronym's ObjectStore Service offers a multi-purpose, distributed, objectbased storage system that's designed to support large-scale repositories of unstructured data. It enables its subscribers to store, protect, preserve and retrieve unstructured content with a single storage platform, and provides access to metadata and content search tools that enable more elegant and automated queries for faster and more accurate results.
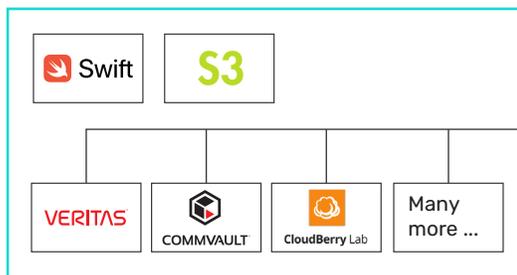
Through these features, you can gain a better understanding of the content of stored files, how the content is used, and how objects may be related to one another. This can help to enable more intelligent automation, along with the integration of big data analytics based on best-in-class metadata architecture.
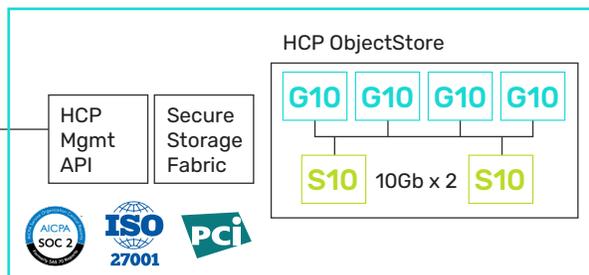
How it works

Powered by HCP, Acronym's ObjectStore Service provides secure, resilient, cost-effective and redundant storage for any data produced or managed by your applications. The service is ideal for data archiving applications, where accessibility and durability are higher priorities than performance and cost is an important consideration. Our Canadian-owned and -maintained platform ensures your data resides in Canada and remains under Canadian legal jurisdiction.

The service maintains Amazon S3 compatibility, so that applications capable of interacting with the Amazon RESTful Storage API can be used with our platform. A user interface for ObjectStore can be provided for S3 Explorers, such as CloudBerry or S3 browsers. This allows for easier management of buckets and files across the Acronym cloud as well as local storage.

HCP Access API

Acronym's Object Storage Environment

To learn more about this and other offerings

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Cloud

ObjectStore Service

Acronym's ObjectStore service—powered by HCP

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.

Features of Acronym's ObjectStore Service

Ensure your data is tamper proof	• Firewall, vulnerability scanned, IDS-data encrypted in flight and at rest
Optimize your data lifecycle	• Choose from multiple storage tiers • Immutable storage (WORM) with 100% log retention of interactions • Incorporate true End of Life destruction with certification
Ensure the service is cost effective	• Choose from multiple storage tiers to match your organization's needs • Pay for only what you use, with no hidden fees or unpredictable costs from egress, puts, gets, scans, retrievals and deletes
Easily find what you're looking for	• Full context indexing, including metadata • Programmatically incorporate Search into app stack
Insulate your data from disruption	• Leverage multiple storage nodes with option for geo-redundancy • Autonomic infrastructure isolates data from upgrades and equipment replacement
Securely share your data between application environments	• Unique keys can be created for each data access client

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