

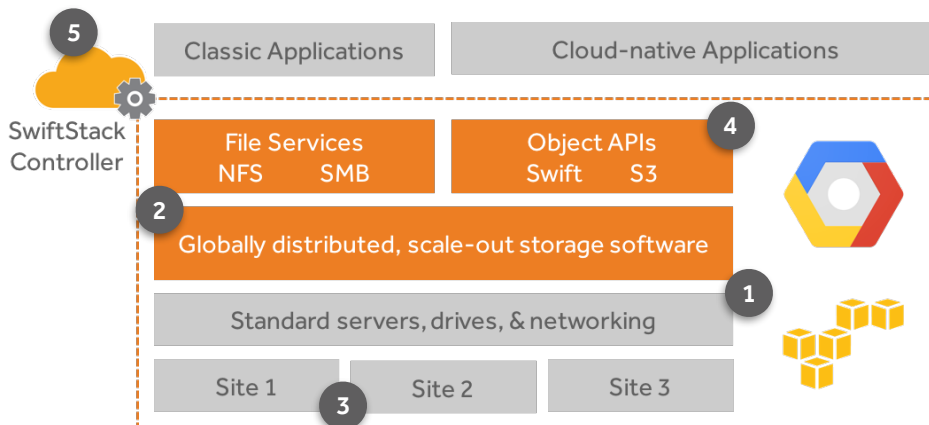
Multi-Cloud Data Management

Cloud-native storage for your unstructured data, on-premises or public cloud, controlled & governed by IT

SwiftStack enables you to do more with unstructured data. Store more data, enable more applications, and serve more users. It gives you the freedom to move workloads between clouds with universal access to petabytes of data across on-premises and public infrastructure.

SwiftStack is software-defined storage for unstructured data that's an alternative to complex, expensive, hardware-based storage solutions.

SwiftStack delivers the features and flexibility you need to easily manage and scale cloud-native storage behind your firewall with the ability to extend into the public cloud. Today, customers use SwiftStack for archiving active data, serving web content, building private clouds, sharing documents, storing backups and much more.



Anatomy of SwiftStack Storage.

HIGHLIGHTS

- Keep all your unstructured data active under a single namespace
- Universal access via file / API
- Policy-driven, placing data across multiple clouds
- Scale out from 50 terabytes to 100s of petabytes
- Pay as you grow licensing
- Can span multiple data centers
- Multi-tenant with Active Directory and LDAP integration
- Increase data utilization and analytics with metadata search
- At-rest encryption of data and metadata

USES

- Active archive for unstructured assets like media, scientific research data, and medical imaging
- Storage for cloud-native apps
- Backup target with offsite replication built-in

- 1 Freedom of choice** - standard x86 servers, SAS or SATA disk drives, and Ethernet networking components are used; non-like components can scale the cluster; additional freedom to use public cloud buckets
- 2 Easy to deploy and scale** - a single command installs the SwiftStack software on each node running a standard Linux operating system, managing policies out of band with the SwiftStack Controller
- 3 Multi-region** - nodes of a cluster can exist in multiple geographic sites to protect and location-optimize your data; buckets in Google Cloud and AWS are also available storage locations
- 4 For application today and tomorrow** - existing applications can access and consume storage using file services without being refactored, at the same time modern applications are using object APIs
- 5 Single-pane-of-glass management** - the SwiftStack controller gives you out-of-band management for all storage resources. It's a SaaS application, or it can run privately behind your firewall

Cloud storage, in your enterprise environment

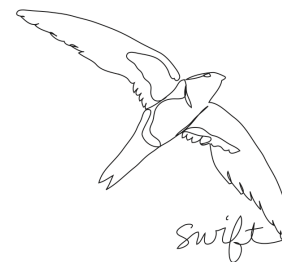
You want Amazon or Google cloud storage in your own environment, so do not settle for an imposter: use the real thing. SwiftStack was built from day one to have the fundamental consumption and operational attributes of the cloud, and it allows you to get your on-premises unstructured data cloud-native.

This is how architecturally similar SwiftStack is to storage offered in AWS:

	Amazon Web Services	SwiftStack
Pricing based on consumption	\$/GB + access requests + data transfer/retrieval	\$/TB + commodity hardware costs + if used, cost of capacity in public cloud bucket(s)
Different storage classes for different applications	S3 Standard, S3 Infrequent Access, S3 Reduced Redundancy, Glacier	Storage policies – location, storage media, protection types/levels, choice of AWS
Storage for applications and not servers	Account-based, HTTP API	Account-based, HTTP APIs, File services
No storage silos	Globally scalable infrastructure with a single namespace	Globally scalable infrastructure with a single namespace, even when using multiple protection and access methods or clouds
Location-optimized	Select primary location	Select primary location, plus where it is replicated to geographically, including cloud
Hardware neutral	Utilizes the best available commodity components	Utilize the hardware that is best for your environment, and the preferred OS that meets your security requirements

All functionality that touches your data is open

Powered by OpenStack Swift at the core, with SwiftStack you get to utilize technology that powers some of the largest storage clouds, and leverage the power of a vibrant development community. SwiftStack is the lead contributor to the Swift project that has over 700 total contributors. Having an engine backed by this community, along with demanding customer environments, makes SwiftStack the most proven, enterprise-grade object storage software, where data stored is always cloud-native.



Specifications

Hardware

- x64-based servers
- SAS/SATA drives
- Solid State drives
- Ethernet networking

Operating Systems

- Ubuntu 14.04, 16.04 LTS Server 64-bit
- Red Hat 6.6-6.9, 7.1-7.4 Server 64-bit
- CentOS 6.6-6.9, 7.1-7.4 Server 64-bit
- Oracle Linux 6.7-6.9, 7.2-7.4 Server 64-bit

Interfaces

- OpenStack Swift API
- Amazon Web Services S3 API
- SMB / NFS, built-in file access
- Extends storage namespace to Amazon Web Services and Google Cloud Platform

To try SwiftStack for free, go to <https://www.swiftstack.com/try-it-now/>.

For additional assistance or to learn more, always feel free to contact us. We're here to help.

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