



# SolidFire and SwiftStack: Simple, scalable data protection for a private cloud

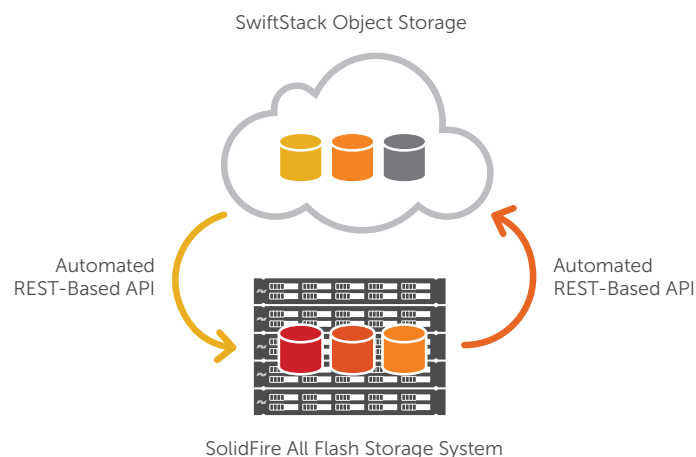
## Integrated data protection reduces backup complexity and cost

### SwiftStack

SwiftStack offers a simple, powerful storage platform that allows enterprises to deliver a massively scalable object store target for virtualized and cloud environments. With invaluable structured/unstructured data growing at unprecedented rates, data protection is a primary concern within the enterprise space. The SwiftStack platform simplifies management and ensures uninterrupted scale and seamless integration with enterprise systems and infrastructures across multi-geographic data centers. Enterprises can now leverage the power of an object storage infrastructure with the control, security and total cost of ownership their business demands.

### Integrated data protection

SolidFire and SwiftStack introduce an integrated data protection solution that couples massive scalability with guaranteed performance for virtualized and cloud environments. The SolidFire + SwiftStack solution provides customers with high-performance, volume-backup functionality directly to/from SwiftStack nodes. The seamless integration aims to eliminate the cost of managing backups and simplify the management of data protection.



The solution takes advantage of SolidFire's in-line deduplication and compression capabilities to vastly improve cluster-wide performance for backups. Supporting full and incremental backups to SwiftStack, SolidFire automatically minimizes the space required when backing up to an object storage container. After the initial (full) backup is complete, each subsequent backup is automatically performed incrementally, reducing the footprint of data on disk and backup time while providing multiple restore points.

Like all SolidFire storage functionality, integrated backup can be managed through the user interface. Additional functionality is available through SolidFire's REST API, enabling integration into existing management applications and/or for workflow automation platforms. With this functionality, service providers and enterprise customers can scale a data protection strategy for thousands of hosts and applications.

### Customizable data protection levels

SwiftStack provides the ability to assign storage policies (rules for disposition and handling of data) independently to each container, determining the content with level of protection and availability. With these flexible storage policies, IT is armed with the tools to provide the storage services their users and applications need. Storage policies can be deployed to segment across geographically dispersed data centers, different storage hardware performance or by number of replicas.

## Solution benefits



### Efficient scalability

Scale out from a few terabytes to hundreds of petabytes by adding capacity and performance independently and without disruption.



### Lower Total Cost of Ownership (TCO)

Achieve a lower cost per GB through SolidFire's in-line efficiencies and ability to offload infrequently used data to SwiftStack object storage without the use of host server compute resources. Lower administrative costs with SolidFire's integrated backup and SwiftStack's "Start Fast, Operate Easy" model that allows customers to deploy it in hours (not months), with minimal operational overhead.



### Deployment flexibility

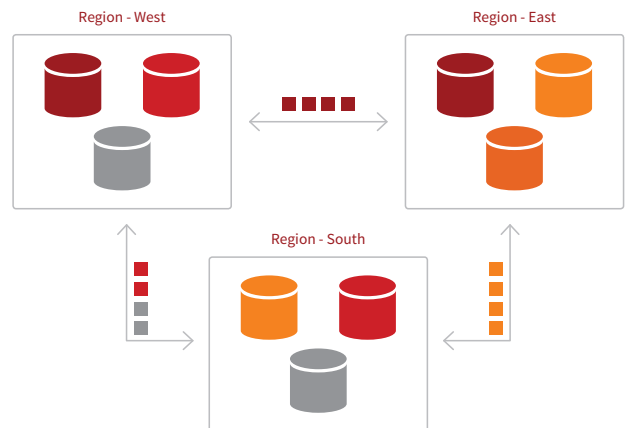
SolidFire's granular on-demand scaling architecture and SwiftStack's software-defined object storage deploys on commodity hardware, creating a flexible and agile data protection strategy.

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### Availability and reliability

With SolidFire and SwiftStack there is no single point of failure. This allows users to withstand hardware failures without downtime or performance degradation. Upgrade or enhance clusters in flight; no maintenance windows required.



### Built-in geographic distribution

Part of any disaster recovery solution is geographic distribution. SolidFire's built-in multi-site replication and SwiftStack's unique ability to support single clusters that can be distributed over multiple, geographically dispersed sites combine to make a powerful data protection solution.