

Modernizing Splunk Enterprise Storage with SwiftStack

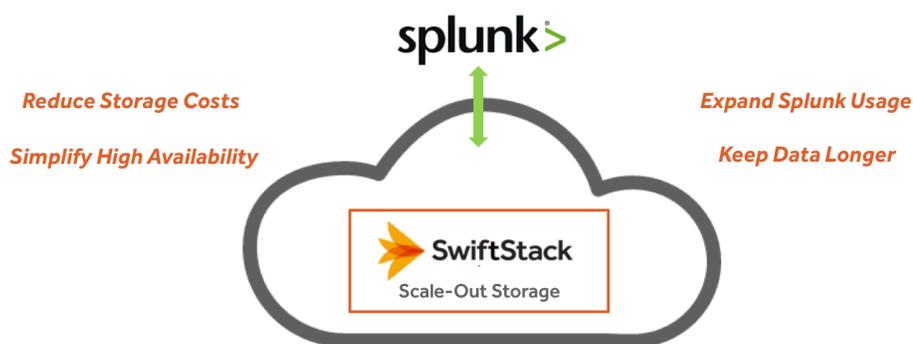
Store 2X the Splunk data at 1/2 the cost of legacy infrastructure

Splunk turns machine data into answers, helping organizations solve their toughest IT, security and business challenges. Machine data is one of the fastest growing and most pervasive segments of "big data". Splunk offers real-time monitoring, proactive alerting and visibility into the health of IT services for any level within an organization — helping to make better operational and business decisions.

Splunk users want to expand platform usage to gain new business insights and retain Splunk data longer to enable deep searches and meet compliance requirements. But, historically, the cost and complexity of the storage infrastructure necessary to manage large volumes of machine data have been an inhibitor to Splunk build-out.

This challenge has been solved through a Splunk innovation called *SmartStore*, which enhances the data management model within Splunk Enterprise by separating storage from compute. When SmartStore is combined with SwiftStack storage, infrastructure costs are reduced, system configurations are simplified, and data resiliency levels are increased — all without compromising search performance.

SwiftStack storage is compatible with Splunk Enterprise



BUSINESS ADVANTAGES

- Gain new business insights by expanding Splunk usage
- Enable deep searches and meet compliance standards by retaining Splunk data longer
- Achieve consistently high Splunk search performance

Do more with your data

OPERATIONAL HIGHLIGHTS

- Ensure the highest levels of Splunk data durability
- Scale the storage modularly as the Splunk environment grows
- Leverage the storage platform for Splunk and other use cases

Tested for Splunk compatibility

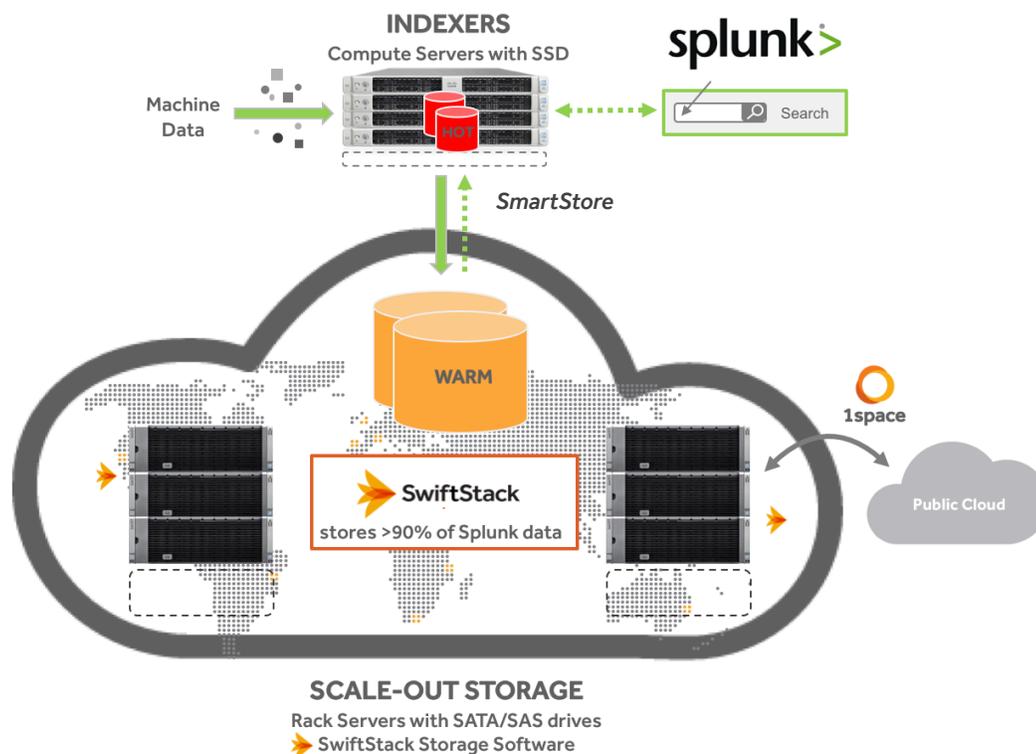
**Store 2X the
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1/2 the cost**

SwiftStack interfaces with Splunk Enterprise through the S3 API, the de-facto standard for cloud-native storage, and holds Splunk warm data. A SwiftStack system can be deployed in a single site or across multiple sites to maximize data durability, can scale capacity non-disruptively and infinitely, and is managed through a single dashboard. Further, SwiftStack supports multiple use cases — Splunk and others — on common storage infrastructure.

SwiftStack software operates on industry-standard servers with dense drives to minimize \$/TB costs. *SwiftStack runs best on Cisco UCS* and has been validated with Cisco UCS C-Series and S-Series Storage Servers.

Optimized for fast-growing Splunk environments

The SwiftStack design is ideal for a Splunk Enterprise deployment, as it creates a scale-out storage tier for warm data that is independent of the Splunk Indexer compute nodes which hold hot data. SwiftStack enables a “grow-as-you-go” model, with complete architectural flexibility for hardware infrastructure, number of sites, and policy controls. IT can right-size a configuration for cost efficiency, high availability, and performance.



Why SwiftStack for Splunk

- 1 **Modular design** - use SwiftStack to build Splunk storage with standard x86 servers and SAS/SATA disk drives; scale by the disk, by the server, or by the site; expanding the system never disrupts the Splunk data service
- 2 **High data durability** - SwiftStack protects Splunk data by storing it in multiple locations, leveraging whatever hardware assets are available; protection can extend across multiple sites and even into the public cloud, with 1space
- 3 **Fast search performance** - SwiftStack leverages multiple disks and network ports to accelerate the transfer of warm data into the Indexer's cache to fulfill search requests; throughput increases as storage servers are added

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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