SwiftStack

Veeam Cloud Tier

Keep up with the hyper-growth of data with cost-effective cloud-native object storage

veeam
ALLIANCE PARTNER
Access

The hyper-growth of data is causing hyper-growth of backup data that needs to be managed, stored, recovered, and utilized. Combine that with compliance requirements demanding longer-term data retention—traditional data storage architectures are failing. To address this need, the storage infrastructure needs to easily scale and automatically protect data against a major disaster, all while meeting constrained IT budgets.

With the modern architecture of Veeam Cloud Tier, more data can be stored on cost-effective and easy-to-operate cloud storage, resulting in up to 10x savings in storage infrastructure. SwiftStack is S3-compliant, cloud-native storage that is fully compatible for use with Veeam Cloud Tier. SwiftStack can simplify data retention in a single datacenter, across multiple geographic regions, and even into the public cloud if a second site is unavailable.
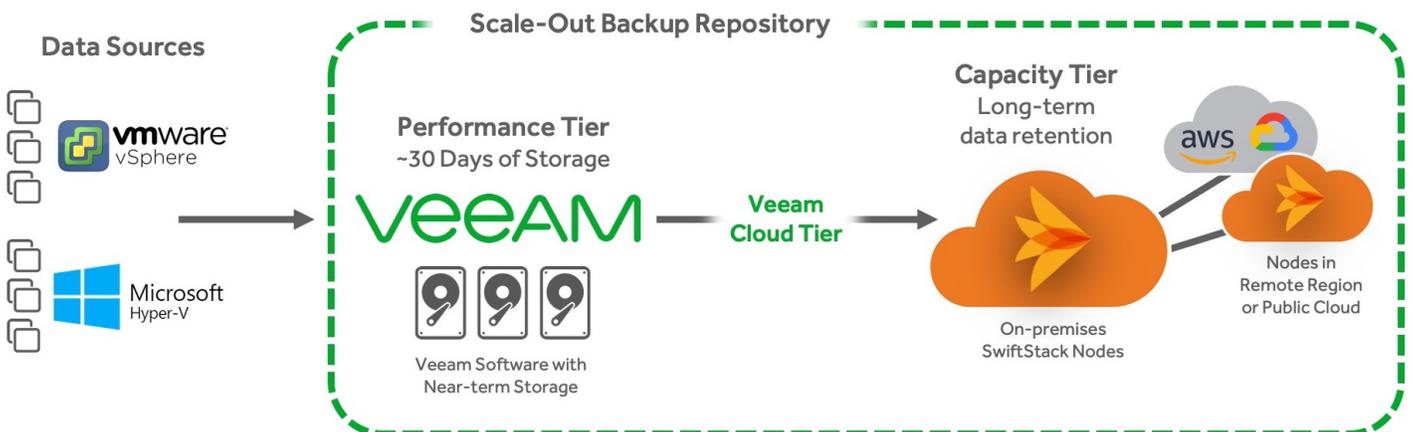
In this example below, data is stored on the performance tier (drives connected to Veeam servers) for 30 days, where then the data is moved off to the capacity tier (SwiftStack) for as long as the data needs to be retained. SwiftStack stores data in a highly-durable manner across its cluster and can even automatically replicate the data offsite to another datacenter or public cloud to protect against a major disaster. Unlike using cold storage for long-term retention, data stored on SwiftStack always remains active and available to Veeam for use.

HIGHLIGHTS

- Save **up to 10x** on data retention costs using Veeam Cloud Tier with SwiftStack

- Always remain aligned with compliance requirements

- Data always remains active and available for use

- Software-only storage design, providing complete hardware flexibility

- Seamlessly scale-out from 100s of TB to 10s of PB

- Simplify data storage across a single datacenter, multiple regions, and multiple clouds

- Further simplify your storage infrastructure by expanding the same SwiftStack cluster for other uses cases
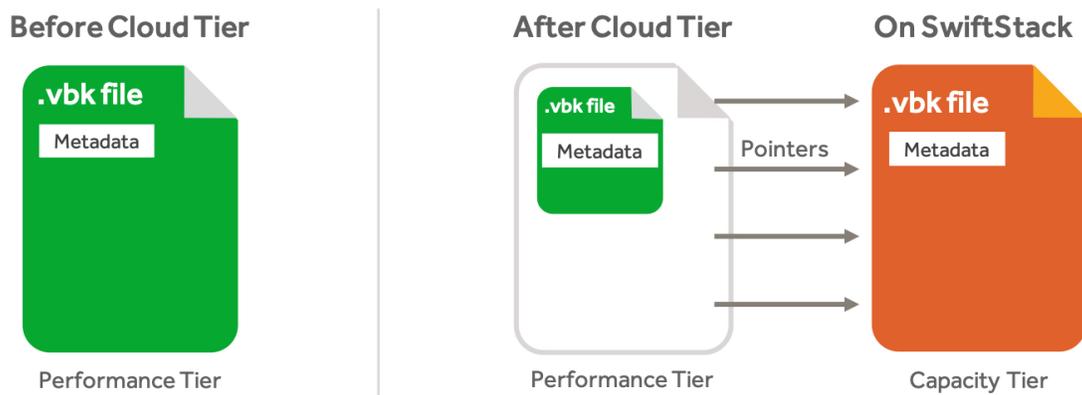
COMPATIBILITY

- Veeam 9.5 Update 4 or later

- SwiftStack 6.15 or later

Data Sources

Scale-Out Backup Repository

vmware vSphere

Microsoft Hyper-V

Performance Tier
~30 Days of Storage

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Veeam Software with Near-term Storage

Veeam Cloud Tier

Capacity Tier
Long-term data retention

aws

On-premises SwiftStack Nodes

Nodes in Remote Region or Public Cloud

SwiftStack

How Veeam and SwiftStack Work Together

Veeam sees SwiftStack as a single S3 API endpoint, no matter how the cluster is designed and deployed. Veeam policies automatically move data between the performance tier and the capacity tier. SwiftStack then places data across the cluster and associated clouds based on defined policies that determine the method of protection (erasure coding scheme or # of replicas) and geo-location of the data. You set the policies and Veeam and SwiftStack take care of the rest!

When Veeam archives data, stubs representing the backup files, along with associated metadata, are retained in the performance tier, while the bulk of the data is moved off to SwiftStack. This makes for highly efficient use of resources by storing most of the data on lower-cost storage.

Before Cloud Tier	After Cloud Tier	On SwiftStack
.vbk file Metadata	.vbk file Metadata → Pointers →	.vbk file Metadata
Performance Tier	Performance Tier	Capacity Tier

Realize the Value of Cloud Storage On-Premises

SwiftStack enables you to realize the value of cloud storage inside your datacenter by allowing you to collapse storage silos, increase the utilization of data by keeping all of it active, and achieve 9+ nines of durability—all while lowering storage acquisition, expansion, and management costs.

Once you are using cloud-native storage on-premises, you are also prepared to increase the use of resources in public clouds. SwiftStack 1space bridges your on-premises storage with Amazon S3 and Google Cloud Storage, allowing you to further protect data, more easily lifecycle data, use public compute resources, and migrate applications.

Along with being an ideally-suited repository for Veeam data, SwiftStack is a proven platform, trusted by leaders in their industries for use cases that harness rapidly growing collections of unstructured data, such as AI/ML, analytics, video surveillance, and active archive.

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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    Chat - Just go to swiftstack.com and look for the chat pop-up in the bottom right