

VMware Cloud Flex Storage

Flexible enterprise-class storage and data management-as-a-service

VMware Cloud Flex Storage™ offers a new approach to help better align your cloud resources with the needs of your applications and data. With this scalable, elastic and natively integrated storage service for VMware Cloud™ on AWS, fully managed by VMware, you can flexibly scale storage and compute independently of each other and pay only for the resources you use.



Increased scalability and elasticity

Achieve greater flexibility by scaling storage capacity up or down as needed without adding hosts.



Simplified operations

Simplify operations with a consistent, natively integrated VMware experience.



Reduced cost

Benefit from cloud economics by paying for only the resources you consume.

A smart and affordable solution

Simple pay-per-utilized GB consumption model. One price and metric allow customers to forecast, plan, and budget their spend with greater accuracy.

Customers pay only for the storage they consume¹. Does not require pre-provisioning of storage increments, which provides more flexibility and granular consumption.

Built on a mature enterprise-class filesystem

VMware Cloud Flex Storage is built on a mature, enterprise-class filesystem that has been developed and production-hardened over many years. It is the same filesystem that has been backing VMware Cloud DR. The filesystem’s two-tier design, which enables independent scaling of storage performance and capacity, efficient snapshots, and immutability make this a multi-purpose filesystem that unlocks many use cases. With VMware Cloud Flex Storage, we are extending this proven technology to cloud storage and data management.

A complete suite of power and flexibility



Independent scaling of storage capacity

Scale storage capacity without purchasing additional hosts.



On-demand and elastic scaling of storage

Elastically adjust storage capacity up or down as needed.



Natively integrated storage service for VMware Cloud on AWS

Easily attach datastores with a few clicks from the VMware Cloud Console.



Fully managed by VMware

Single vendor solution that is sold, operated and directly supported by VMware.



Built-in enterprise-class storage features

Utilize built-in, always-on data services, including at-rest encryption, global deduplication and compression, and data integrity.



Pay only for consumed resources

Pay only for the storage that you consume under a simple \$ per GB pricing model.¹

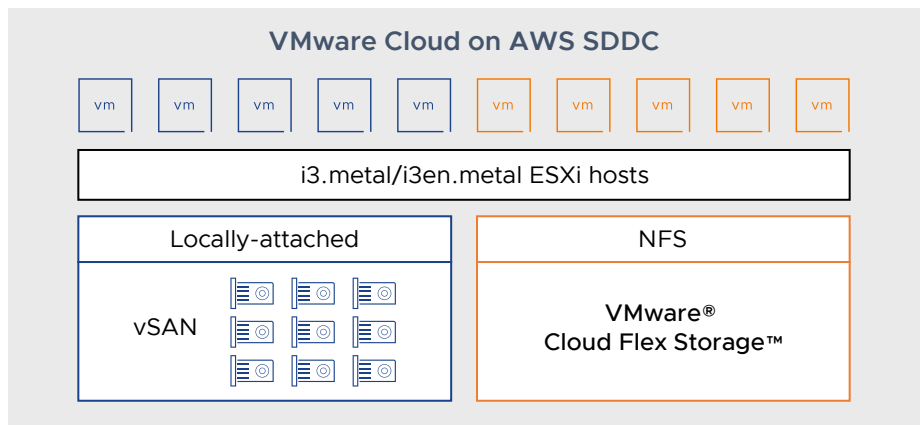


Figure 1: Two-tier design that enables independent scaling of storage performance and capacity.

Learn more

vmware.com/products/cloud-flex-storage

Key use cases



Seamless and cost-effective cloud migration

For customers who are looking to use VMware Cloud on AWS for a seamless and cost-effective cloud migration, VMware Cloud Flex Storage delivers true enterprise-class storage. It reduces complexity and time-to-value by supporting the lift and shift of virtual machines without a need to rework the data layer or re-architect the storage design. Customers can also simplify their operations with a storage solution that is natively built into the VMware Cloud on AWS service and readily available without manual configurations.



Elastic data center extension

Customers who are looking to use VMware Cloud on AWS for data center extension can use VMware Cloud Flex Storage for easy access to additional storage capacity with dynamic scaling of resources. Common scenarios include high-performance burst capacity, on-demand scaling for data analytics, or cost-effective long-term storage of data repositories in the cloud. This gives customers the choice of keeping their data where it best serves their consumption needs, across their data centers and the public cloud. As a result, customers benefit from a VMware-consistent, enterprise-grade hybrid cloud environment with single pane of glass management through the VMware Cloud Console.



Scaling of storage-intensive workloads

For customers who are running certain workloads on VMware Cloud on AWS using local instance storage with VMware vSAN, but have other workloads that are storage bound, VMware Cloud Flex Storage offers a disaggregated storage service that allows them to independently, seamlessly, and optimally scale their performance and storage capacity to fit every workload individually. VMware Cloud Flex Storage is an ideal solution for scaling large volumes of data in an agile, flexible, and cost-effective way.

Useful Links



[VMware Cloud Flex Storage Service Website](#)



[VMware Cloud Flex Storage Service Solution Overview](#)



[VMware Cloud Flex Storage Service Announcement Video](#)



[VMware Cloud Flex Storage Service FAQ](#)