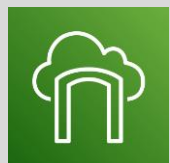


Reference:

[FAQs](#)

Category:

Storage



AWS Storage Gateway

What?

- AWS Storage Gateway is a hybrid cloud storage service that connects on-premises software appliance with AWS storage services, including Amazon S3, Amazon S3 Glacier, Amazon S3 Glacier Deep Archive, and Amazon EBS.
- The service enables you to securely upload data to the AWS Cloud for cost effective backup and rapid disaster recovery.

Why?

- Storage Gateway seamlessly connects to your local production or backup applications with NFS, SMB, iSCSI, or iSCSI-VTL, so you can adopt AWS Cloud storage without needing to modify your applications. It provides low-latency performance by caching frequently accessed data on premises, while storing data securely and durably in AWS storage services.

When?

- You want to reduce your on-premises storage footprint and associated costs by leveraging AWS storage services.
- You need to offer virtually unlimited cloud storage to users and applications without deploying new storage hardware.
- You want to use built in compression, encryption, and bandwidth management features for data transfer to AWS services.

Where?

- AWS Storage Gateway is a regional service. You need to deploy a Storage Gateway virtual machine (VM) to connect to it.
- You can deploy this VM on premises (on VMware ESXi, Microsoft Hyper-V, Linux KVM or as a hardware appliance) or in AWS Cloud (as a VM in VMware Cloud on AWS, or as an AMI in Amazon EC2).

Who?

- You use the AWS Management Console to download the virtual appliance gateway or purchase the hardware appliance, configure storage, and manage and monitor the service. Storage Gateway optimizes data transfer to AWS by sending only changed data and compressing data.

How?

- To support these use cases, the service provides four different types of gateways – Tape Gateway, Amazon S3 File Gateway, Amazon FSx File Gateway, and Volume Gateway – that seamlessly connect on-premises applications to cloud storage, caching data locally for low-latency access.

How much?

- Pricing is combination of - Storage Pricing (capacity used in Amazon S3, Amazon FSx for Windows or Amazon EBS snapshots) and Request Pricing (Data written/retrieval to AWS storage by your gateway)
- For Amazon FSx File Gateway you also pay a per hour Gateway Price.

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