

AWS Backup pricing

Overview

With AWS Backup, pay only for the backup storage you use, backup data transferred between AWS Regions, backup data you restore, and backup evaluations. There is no minimum fee and there are no setup charges.

Backup storage pricing

AWS Backup storage pricing is based on the amount of storage space your backup data consumes. The storage amount billed in a month is based on the average storage space used throughout the month (billed as GB-Month).

Region:				
Europe (London)				
Resource Type	Warm Storage - Backup vault	Cold Storage - Backup vault ^{AA}	Warm Storage - Logically air-gapped vault	Cold Storage - Logically air-gapped vault ^{AA}
Amazon EFS File System Backup [†]	\$0.06 per GB-Month	\$0.012 per GB-Month	\$0.069 per GB-Month	\$0.0138 per GB-Month
Amazon EBS Volume Snapshot	\$0.053 per GB-Month	\$0.01325 per GB-Month ^{††}	\$0.061 per GB-Month	n/a ^{†††}
Amazon RDS Database Snapshot	\$0.10 per GB-Month	n/a*	n/a ^{†††}	n/a ^{†††}
Amazon Aurora Cluster Snapshot	\$0.022 per GB-Month	n/a*	\$0.0253 per GB-Month	n/a ^{†††}
Amazon Aurora DSQl Cluster Snapshot	\$0.12 per GB-Month	\$0.036 per GB-Month	\$0.138 per GB-Month	\$0.0414 per GB-Month
Amazon DynamoDB Table Backup	\$0.11886 per GB-Month	\$0.03566 per GB-Month**	\$0.1367 per GB-Month	\$0.041 per GB-Month**
AWS Storage Gateway Volume Backup	\$0.053 per GB-Month	n/a*	\$0.061 per GB-Month	n/a ^{†††}
Amazon FSx for Windows File Server Backup	\$0.053 per GB-Month	n/a*	\$0.061 per GB-Month	n/a ^{†††}
Amazon FSx for Lustre Backup	\$0.053 per GB-Month	n/a*	\$0.061 per GB-Month	n/a ^{†††}
Amazon Fsx for NetApp ONTAP Backup	\$0.053 per GB-Month	n/a*	n/a ^{†††}	n/a ^{†††}
Amazon FSx for OpenZFS Backup	\$0.053 per GB-Month	n/a*	\$0.061 per GB-Month	n/a ^{†††}
Amazon DocumentDB Cluster Snapshot	\$0.022 per GB-Month	n/a*	\$0.0253 per GB-Month	n/a ^{†††}
Amazon Neptune Cluster Snapshot	\$0.022 per GB-Month	n/a*	\$0.0253 per GB-Month	n/a ^{†††}
Amazon S3 Backup ^{††††}				
Warm storage tier	\$0.06 per GB-Month	n/a*	\$0.069 per GB-Month	n/a ^{†††}
Low-cost warm storage tier ^{****}	\$0.042 per GB-Month	n/a*	\$0.0483 per GB-Month	n/a ^{†††}
One time transition ^{****}	\$0.012 per 1,000 objects	n/a**	\$0.012 per 1,000 objects	n/a ^{†††}
VMware Backup ^{††}	\$0.06 per GB-Month	\$0.012 per GB-Month	\$0.069 per GB-Month	\$0.0138 per GB-Month
SAP HANA on EC2 Database Backup [†]	\$0.072 per GB-Month	\$0.012 per GB-Month	n/a ^{†††}	n/a ^{†††}
Amazon Redshift Cluster Snapshot				
First 50 TB/Month	\$0.024 per GB-Month	n/a*	n/a ^{†††}	n/a ^{†††}
Next 450 TB/Month	\$0.023 per GB-Month	n/a*	n/a ^{†††}	n/a ^{†††}
Over 500 TB/Month	\$0.022 per GB-Month	n/a*	n/a ^{†††}	n/a ^{†††}
Amazon EKS Cluster Backup				
EKS Backup Creation Fee ^{AAA}	\$0.12 per EKS Namespace	n/a*	n/a ^{†††}	n/a ^{†††}
EKS Cluster State Storage ^{AAA}	\$0.012 per GB-Month	n/a**	N/A per GB-Month	n/a ^{†††}

* Cold storage is currently only supported for backups of Amazon EBS, Amazon EFS, Amazon DynamoDB, Amazon Timestream, SAP HANA on EC2, and VMware Backup.

** Cold storage backup for DynamoDB is only available when you opt in to advanced features for DynamoDB.

*** For S3 objects smaller than 128 KB, the backups would be priced as a 128-KB backup. In addition to the per GB-month charge for S3 backup, you will be charged for GET/LIST requests on your S3 objects and Eventbridge events.

†† Cold storage backup for EBS transitions backups to the [EBS Snapshots Archive Tier](#).

^A Includes on-premises VMware, VMware CloudTM on AWS, and VMware on AWS Outposts.

^{AA} Backups transitioned to cold storage must be retained for a minimum of 90 days. Backups deleted before 90 days incur a pro-rated charge equal to the storage charge for the remaining days.

[†] Backups of EFS, S3, VMware, SAP HANA on EC2 and Amazon Timestream are billed on a GB-day basis instead of a GB-hour basis. This means that your backup storage for these resources is billed for the whole day.

^{AAA} Backups of EKS Cluster will incur a one time backup creation fee charged on a per namespace backed up. Backup Storage charge are associated with EKS Cluster state data. For backups of persistent storage attached to your EKS cluster — EBS, S3, EFS you will incur standard Backup storage charges as listed in this tables.

^{****} Backup data can be moved to the low-cost warm storage tier based on tiering configuration. Objects need to be retained in the warm storage tier for a minimum of 60 days before transitioning to the low-cost tier. The one-time Transition represents the transition cost for moving items from the Warm storage tier to low-cost storage tier.

NOTE:

- All billed charges for storage in logically air-gapped vaults show under "Backup" service.
- Backup storage free tiers for Amazon EBS, Amazon DocumentDB, and Amazon Neptune are not considered when the storage is in logically air-gapped vault.

Restore pricing

The restore amount billed in a month is based on the amount of data restored for the month. The data restored in a month is measured in GB and represents the sum of the data across all the restores performed in the month.

Region:

[†] AWS Backup support for AWS Storage Gateway is currently not available in the AWS Asia Pacific (Osaka) Region.

** Cold storage is currently only supported for backups of Amazon EBS, Amazon EFS, Amazon DynamoDB, Amazon Timestream, SAP HANA on EC2, and VMware Backup.

*** Cold storage restore for DynamoDB is only available when you opt in to advanced features for DynamoDB.

[†] Supported restore targets are on-premises VMware, VMware CloudTM on AWS, and VMware on AWS Outposts. When restoring data from your source AWS Region to an on-premises gateway or a gateway in a different Region, you pay for standard AWS Data Transfer OUT charges in addition to the preceding data restore prices. VMware items are disks.

[†] Item-level restore is not currently available.

^{††} You will incur warm storage restore charges for EFS, S3, EKS Cluster, and VMwareBackups.

^{†††} For restores of backups of persistent storage attached to your EKS cluster — EBS, S3, EFS you will incur standard restore charges as listed in this table.

Restore testing pricing

AWS Backup restore testing pricing is based on the number of backups or recovery points that are tested and the amount of storage that is restored for specific resource types. With restore testing, you pay only for what you use, with no minimums or upfront commitments.

Restore testing evaluations

Restore testing evaluation charges are incurred for each backup or recovery point that you successfully orchestrate for restore through a restore testing plan.

Restore testing storage

The restore testing storage amount billed in a month, for a particular resource type, is based on the amount of data (measured in GB) restored for that resource type for the month. The pricing for restored testing storage is same as the current restore pricing in the above section.

Region:

Note:

- There will be additional charges for S3 PUT requests for your restored S3 objects, in addition to the charges related to restored data and fixed evaluation fee.
- There can also be additional charges if the restored resource is retained for any amount of time after a restore is completed. The actual charges will depend on the specific resource type and how long it is retained.
- Cold storage restore pricing will apply if cold recovery points, for supported resources, are selected and restored by restore testing, which is higher than warm storage restore pricing.
- If an archived EBS snapshot is restored, AWS Backup will set the number of days to temporarily restore the EBS snapshot to the standard (warm) tier to 1 day, and you will be charged for the storage of the EBS snapshot in the standard tier for the 1 day.

Cross-Region data transfer pricing

The cross-Region amount billed in a month is the amount of data transferred between two Regions, whether within a single AWS account or across two AWS accounts. You only incur data transfer charges when transferring data out of an AWS Region and there are no charges for transfers within the same AWS Region. The data transfer charges are billed to the AWS account transferring out the data. The backup storage charges are billed to the AWS account receiving the data. The rates for data transfer from backup vaults or logically air-gapped vaults are the same.

Select the respective tab to find the data transfer rate to your resource as follows:

Resource Group 1: Amazon EFS, Amazon DynamoDB, Amazon Timestream, and VMware Backup

Resource Group 2: Amazon S3, Amazon Aurora DSQl, Amazon EKS

Resource Group 3: Amazon EBS, Amazon FSx, AWS Storage Gateway [†], Amazon DocumentDB (with MongoDB compatibility) ^{**}, Amazon Neptune ^{**}, Amazon Aurora, Amazon RDS Backup

Group 1

Group 2

Group 3

Region:

* AWS Backup support for AWS Storage Gateway currently not available in the AWS Asia Pacific (Osaka) Region.

** Amazon DocumentDB (with MongoDB compatibility) and Amazon Neptune can be copied only to those AWS Regions where the services are available.

Backup search pricing

Backup search pricing is based on number of objects or files scanned in your backup. Before you can search your backup, you need to opt into creating a backup index. With backup search you are billed for the backups that are indexed at the time of indexing, the storage of the backup indexes, and for searching your backups. Restores will be billed based on resource type, as seen on the table above. You will pay for only what you use, with no minimums or upfront commitments.

Region:

[†] Backup index storage and backup search charges are the same across all resource types.

Note: All billed charges for Backup search will show under "Backup"

AWS Backup Audit Manager pricing

AWS Backup Audit Manager provides predefined and customizable controls to ensure your backup usage is compliant with your defined policies. AWS Backup Audit Manager pricing is based on two components: charges for backup evaluations and charges for configuration items recorded by AWS Config. With AWS Backup Audit Manager, you pay only for what you use, with no minimums or upfront commitments.

Backup evaluations

Backup evaluations are incurred when a specific AWS resource such as a backup vault or backup plan is evaluated against a control.

Configuration items

AWS Backup Audit Manager's evaluations use configuration items recorded by AWS Config. AWS Config is required for these evaluations, and configuration items are priced separately from AWS Backup Audit Manager. Each time a backup evaluation is executed, one configuration item is recorded by AWS Config. Additionally, you will also be charged for configuration item recording when there are changes to underlying backup resources (such as changes to backup plans or creation of a recovery point.) See [AWS Config pricing](#) for details.

Region:

* Backup evaluation charges are prorated per evaluation (\$0.00125 per backup evaluation).

Malware protection pricing

Malware protection is provided by Amazon GuardDuty Malware Protection for AWS Backup. Pricing is based on total data scanned per month, measured in GB, calculated as the sum of all scans performed during that month. See [Amazon GuardDuty Malware Protection pricing](#) for further details.

Region:

Pricing examples

Example 1: All-in

Assume your Amazon EFS backups are stored in the US East (N. Virginia) Region. You use 400 GB of Amazon EFS backup storage during 15 days of the month and 800 GB for the other 15 days of the month. At the end of the month, you would have the following backup storage usage, in GB-Days:

Example 2: AWS Backup for S3

Assume you have 500 TB of Amazon S3 data stored in the US East (N. Virginia) Region. Let us also assume that your S3 bucket has 100 million objects of 5 MB each. You want to create a backup copy of the S3 bucket using AWS Backup. Your monthly TCO will be calculated as follows:

Example 3: Restore testing Amazon EBS and Amazon EFS backups

Assume you restore test 10 EBS snapshots (each 64 GB) and 15 EFS recovery points (each 50 GB from warm storage) in a month stored in the US East (N. Virginia) Region:

Example 4: Logically air-gapped copies for protection from a data loss event

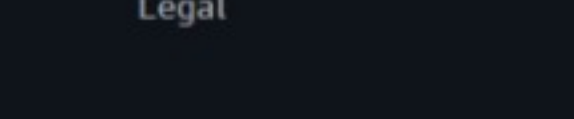
Assume you have 3,200 GB of Amazon EBS snapshots and 2,000 GB of Amazon EFS backups and keep them for 12 days in the US East (N. Virginia) region in a backup vault. Additionally, you copy these backups to a logically air-gapped vault in EU West (Ireland) and retain them for 15 days. At the end of the 30-day month, you would have following backup storage and cross-Region data transfer charges.

Example 5: Backup search

Assume you opt into creating backup indexes for 10 EBS Volumes (each volume is 150 GB with 45,000 files). You take daily backups and retain them for 30 days in US East 1 (N. Virginia). For a given month, you search across 7 EBS Snapshots and restore 5 GB of data. At the end of that 30-day month, you would have the following backup storage, backup search and restore charges.

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