



Amazon FSx for OpenZFS pricing

Overview

With Amazon FSx for OpenZFS, you pay only for the resources you use and there are no minimum fees or setup charges. While pricing is quoted on a monthly basis, your usage is prorated by the second, and you are billed for your average usage over a month.

SSD (provisioned) storage class:

- SSD storage:** You pay for the average amount of storage provisioned for your file systems per month, measured in gigabyte-months (GB-months), as shown in the pricing examples.
- SSD IOPS:** By default, 3 IOPS are included for every GB of SSD storage. You can optionally provision a higher level of IOPS, and you pay for the average IOPS provisioned above your included rate for the month, measured in IOPS-months.

Intelligent-Tiering (elastic) storage class:

- Intelligent-Tiering storage:** You pay for the average amount of storage consumed per storage tier—Frequent Access tier, Infrequent Access tier, and Archive Instant Access tier—for your file systems per month, measured in gigabyte-months (GB-months).
- Monitoring and automation:** You pay for the average amount of all storage consumed in the Intelligent-Tiering storage layer per month, measured in gigabyte-months (GB-months).
- SSD read cache (optional):** You pay for the average amount of cache provisioned for your file systems per month, measured in gigabyte-months (GB-months).
- Data access:** You pay for the average number of read and write request operations between the file system and the Intelligent-Tiering storage layer.

Throughput capacity: You pay for the average throughput capacity you've provisioned for your file systems per month, measured in MBps-months.

Data transfer: You pay for data transfer in both directions when accessing your Single-AZ file system from a non-preferred Availability Zone within the same Region. For Multi-AZ file systems, we charge no data transfer fees and include all cross-AZ data replication costs in the throughput capacity price. When accessing data using an Amazon S3 Access Point attached to your FSx for OpenZFS file system, you pay for all bandwidth into and out of S3 just as you would when accessing data stored in an S3 bucket and all the existing S3 data transfer exceptions apply. For more information, visit the [Amazon S3 pricing page](#).

Backups: With backups, you pay only for the storage space consumed. Backups are incremental, which means that only the changes after your most recent backup are saved. So you save on storage costs by not duplicating data. You pay for the average amount of backup storage consumed per month, measured in GB-months.

S3 requests: You pay for S3 requests when accessing data stored on your FSx for OpenZFS file systems using S3 Access Points.

AWS Pricing Calculator

Calculate your Amazon FSx for OpenZFS architecture cost in a single estimate.

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Pricing

Single-AZ (non-HA) Deployment - SSD		Single-AZ (HA) Deployment - SSD		Multi-AZ (HA) Deployment - SSD		Multi-AZ (HA) Deployment - Intelligent-Tiering	
Data Transfer		S3 Access Points for FSx					
Region:							
Europe (London)							
Storage							
Effective cost with compression enabled*				Pricing			
SSD storage capacity		\$0.053 per GB-month				\$0.105 per GB-month	
Backup storage		\$0.027 per GB-month				\$0.053 per GB-month	
*Assuming typical compression savings of 50% for general-purpose file sharing workloads							
Performance							
				Pricing			
SSD IOPS						\$0.0070 per IOPS-month	
Throughput capacity						\$0.350 per MBps-month	
These prices apply both for Single-AZ 1 file systems and for Single-AZ 2 file systems with NVMe caching. For information on the regional availability of Single-AZ 2 file systems with NVMe caching, refer to the Deployment type availability section of the documentation.							

Pricing example 1: Multi-AZ deployment

Assume you want to store up to 10 TB of enterprise application share and user share data using Multi-AZ SSD storage in the US East (N. Virginia) Region. Based on typical compression savings of 50%, you provision 5 TB storage capacity for your file system, and based on your workload performance needs, you provision 320 MBps of throughput capacity. Assume you have an average backup storage of 5 TB during the month.

Storage: 5 TB * \$0.18 per GB-month = \$922/mo

Throughput: 320 MBps * \$0.87 per MB/s-month = \$278/mo

Total monthly charge (excluding backups): \$1,200 (\$0.117/GB-month for 10 TB of data)

Backups: 5 TB * \$0.05 GB-month = \$256/mo

Total monthly charge (including backups): \$1,456 (\$0.142/GB-month for 10 TB of data)

Pricing example 2: Single-AZ 2 deployment

Assume you want to store 128 GB of data for short-term image ML training workload on Single-AZ 2 SSD storage in the US East (N. Virginia) Region. You provision a 128 GB Single-AZ file system with throughput capacity of 160 MBps and use this file system for 12 hours (43,200 seconds) in a 30-day month. Assume you have not activated compression and have not used any backup storage.

Total charge:

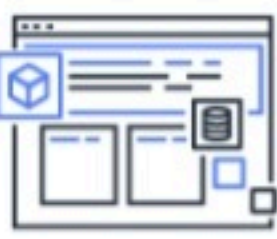
Storage: 128 GB * \$0.09 per GB-month * 43,200 seconds / (86,400 seconds/day * 30 day-month) = \$0.192

Throughput: 160 MBps * \$0.26 per MBps-month * 43,200 seconds / (86,400 seconds/day * 30 day-month) = \$0.693

Total charge: \$0.885 (\$1.77/day for a file system)

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