



Amazon FSx for Windows File Server Pricing

Overview

With Amazon FSx for Windows File Server, 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 hour, and you are billed for your average usage over a month. You pay for the storage and throughput capacity that you specify for your file system, and for any backups of your file system. You will also pay for data transferred "in" to and "out" from Amazon FSx across Availability Zones (AZs) or VPC Peering connections in the same AWS Region and for data transferred "out" from Amazon FSx to other AWS Regions.

AWS Pricing Calculator

Calculate your Amazon FSx for Windows File Server and architecture cost in a single estimate.

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Categories

There are five categories to consider when storing and managing your data: storage capacity, SSD IOPS, throughput capacity, backups, and data transfer.

Storage capacity

The price of storage capacity depends on the deployment type (single-AZ or multi-AZ), and the storage type (SSD or HDD) you choose for your file system.

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 example.

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".

Throughput capacity

The price of throughput capacity depends on the deployment type (single-AZ or multi-AZ) you choose for your file system.

You pay for the average throughput capacity you've provisioned for your file systems per month, measured in "MBps-months." For multi-AZ file systems, the cost to transfer data between AZs for replication of data is included in the throughput capacity price.

Backups

Backups—both automatic and user-initiated—incur backup storage charges. 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 per month, measured in "GB-months."

Data transfer

Data transferred "in" to and "out" from Amazon FSx across AZs or VPC Peering connections in the same Region is charged at the rate for data transfer within the same Region. Note that data transfer incurred for replication of data across AZs for multi-AZ file systems is included in the throughput capacity price.

Data transferred "out" from Amazon FSx to another Region (including for copying backups across Regions) is charged at the inter-region rate for the specific inter-Region transfer.

Data deduplication

Amazon FSx can also deduplicate and compress your data. Typical savings are as follows:

Content	Typical storage savings
Office documents, photos, music, and videos	30-50%
Software binaries, build files, and program symbols	70-80%
General-purpose file share contents (mix of the above)	50-60%

Pricing

Single-AZ deployment	Multi-AZ deployment	Data transfer
Region: Europe (London)		
Storage		Pricing
SSD storage capacity	\$0.0755 per GB-month	\$0.151 per GB-month
HDD storage capacity	\$0.0075 per GB-month	\$0.015 per GB-month
Backup storage	\$0.0265 per GB-month	\$0.053 per GB-month
*Assuming typical savings of 50% for general-purpose file share contents		
Performance		Pricing
SSD IOPS		\$0.013 per IOPS-month
Throughput capacity		\$2.401 per MBps-month

Pricing example

Assume you want to store 10 TB of general-purpose file share data using HDD storage in the US East (N. Virginia) Region. Based on typical deduplication savings of 50-60%, you provision a 5 TB multi-AZ file system with 16 MBps of throughput capacity. Assume you have an average backup storage of 5 TB during the month.

Total monthly charge:

Storage: 5 TB * \$0.025 GB-month= \$128/mo

Throughput: 16 MBps * \$4.50/MBps-month= \$72/mo

Backup: 5 TB * \$0.050/GB-month = \$256/mo

Total monthly charge: \$456 (\$0.045/GB-mo for 10 TB of data)

Additional pricing resources

AWS Pricing Calculator Easily calculate your monthly costs with AWS.	Get pricing assistance Contact AWS specialists to get a personalized quote.
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