Cloud Storage on AWS

Reliable, scalable and secure storage for your data

Millions of customers use AWS storage services to transform their business, increase agility, reduce costs, and accelerate innovation. Choose from a broad portfolio of storage solutions with deep functionality for storing, accessing, protecting, and analyzing your data.

Access the storage you need faster

Make resources available in minutes, not weeks. Speed time to market, avoid complex capacity planning, and reduce over-provisioning with just a few clicks.

Reduce storage spend

Minimize your total cost of ownership (TCO) with managed services that eliminate infrastructure maintenance. Optimize your storage costs based on how frequently and quickly you need to access your data.

Secure your storage

AWS supports more security standards and compliance certifications than any other cloud provider to help customers satisfy requirements for virtually every regulatory agency around the globe.

Fuel innovation with new insights

Choose from a variety of tools to get more from your data and accelerate new product and service delivery. Run big data analytics, artificial intelligence (AI), machine learning (ML), high-performance computing (HPC), and media processing applications on all your cloud data.

AWS storage services

Object, file, and block storage

[Amazon Simple Storage Service (S3)](https://aws.amazon.com/s3/?c=s&sec=srv)

[Object storage with industry-leading scalability, availability, and security for you to store and retrieve any amount of data from anywhere.](https://aws.amazon.com/s3/?c=s&sec=srv)

[[Amazon-Elastic-File-System_Icon_48_Squid](https://aws.amazon.com/efs/?c=s&sec=srv)](https://aws.amazon.com/efs/?c=s&sec=srv)

[Amazon Elastic File System (EFS)](https://aws.amazon.com/efs/?c=s&sec=srv)

[A simple, serverless, elastic, set-and-forget file system for you to share file data without managing storage.](https://aws.amazon.com/efs/?c=s&sec=srv)

[Amazon FSx](https://aws.amazon.com/fsx/?c=s&sec=srv)

[Fully managed, cost-effective file storage offering the capabilities and performance of popular commercial and open-source file systems.](https://aws.amazon.com/fsx/?c=s&sec=srv)

[Amazon Elastic Block Store (EBS)](https://aws.amazon.com/ebs/?c=s&sec=srv)

[Easy to use, high-performance block storage service for both throughput and transaction-intensive workloads at any scale.](https://aws.amazon.com/ebs/?c=s&sec=srv)

Data migration

[AWS DataSync](https://aws.amazon.com/datasync/?c=s&sec=srv)

[Online data transfer service that optimizes network bandwidth and accelerates data movement between on-premises storage and AWS storage.](https://aws.amazon.com/datasync/?c=s&sec=srv)

[AWS Snow Family](https://aws.amazon.com/snow/?c=s&sec=srv&i=1)

[Offline data transfer devices with built-in security and logistics features for simplified data migration.](https://aws.amazon.com/snow/?c=s&sec=srv&i=1)

Hybrid cloud storage and edge computing

[AWS Storage Gateway](https://aws.amazon.com/storagegateway/?c=s&sec=srv)

[Hybrid cloud storage service that gives you on-premises access to virtually unlimited cloud storage.](https://aws.amazon.com/storagegateway/?c=s&sec=srv)

[AWS Snow Family](https://aws.amazon.com/snow/?c=s&sec=srv&i=2)

[Edge compute, data collection, and data transfer services with security and end-to-end logistics for mobile and rugged deployments.](https://aws.amazon.com/snow/?c=s&sec=srv&i=2)

Managed file transfer

[AWS Transfer Family](https://aws.amazon.com/aws-transfer-family/?c=s&sec=srv)

[Simple and seamless file transfer to Amazon S3 and Amazon EFS using SFTP, FTPS, and FTP protocols.](https://aws.amazon.com/aws-transfer-family/?c=s&sec=srv)

Disaster recovery and backup

[[AWS Elastic Disaster Recovery](https://aws.amazon.com/disaster-recovery/?c=s&sec=srv)](https://aws.amazon.com/disaster-recovery/?c=s&sec=srv)

[AWS Elastic Disaster Recovery (DRS)](https://aws.amazon.com/disaster-recovery/?c=s&sec=srv)

[Minimize downtime and data loss with fast, reliable recovery of on-premises and cloud-based applications using affordable storage, minimal compute, and point-in-time recovery.](https://aws.amazon.com/disaster-recovery/?c=s&sec=srv)

[AWS Backup](https://aws.amazon.com/backup/?c=s&sec=srv)

[Fully managed, policy-based service to centrally manage and automate data protection, compliance, and governance for applications running on AWS.](https://aws.amazon.com/backup/?c=s&sec=srv)

Use cases

Migrate applications to AWS

Lift and shift your existing workloads to AWS quickly using like-for-like storage for simple cloud migration. Move your network-attached storage (NAS), storage area network (SAN), and Hadoop workloads as-is with AWS services, and evolve at your own pace.

Build data lakes

Consolidate your data so it’s easier to model and analyze. Use Amazon S3 to build a secure, durable, and scalable data lake. Take advantage of its integration with a wide range of services for analytics and ML.

Modernize application development

Build cloud-native applications and get to market faster with a microservices architecture and more. Choose AWS storage services that persist and share data from your AWS containers and serverless applications.

Backup to AWS storage

Extend secondary storage targets to the cloud to address exponential data growth. Migrate copies of on-premises data to AWS and protect applications already in the cloud with services from AWS and AWS Partners.

Archive to the cloud

Meet long-term retention requirements with AWS storage services. Manage compliance and digital preservation with services that provide security, reliability, unlimited scalability, and 99.999999999% durability. Access data faster than on-premises tape.

Process data at disconnected edge locations

Run applications in disconnected or ruggedized edge locations with AWS physical devices. Collect and process data and migrate it to the cloud with products that perform in even the most rugged and austere environments.