HELECLOUD

Amazon S3

Amazon Simple Storage Service (Amazon S3) is object storage with a simple web service interface to store and retrieve any amount of data from anywhere on the web. It is designed to deliver 99.999999999% durability, and scale past trillions of objects worldwide.

Customers use S3 as primary storage for cloud-native applications; as a bulk repository, or "data lake," for analytics; as a target for backup & recovery and disaster recovery; and with serverless computing.

It's simple to move large volumes of data into or out of Amazon S3 with Amazon's cloud data migration options. Once data is stored in S3, it can be automatically tiered into lower cost, longer-term cloud storage classes like S3 Standard - Infrequent Access and Amazon Glacier for archiving.

Features

Simple

Amazon S3 is simple to use with a web-based management console and mobile app. S3 also provides full REST APIs and SDKs for easy integration with third-party technologies. Getting Started With Amazon S3 »

Durable

Amazon S3 provides durable infrastructure to store important data and is designed for durability of 99.999999999% of objects. Your data is redundantly stored across multiple facilities and multiple devices in each facility.

Scalable

With Amazon S3, you can store as much data as you want and access it when needed. You can stop guessing your future storage needs and scale up and down as required, dramatically increasing business agility.

Secure

Amazon S3 supports data transfer over SSL and automatic encryption of your data once it is uploaded. You can also configure bucket policies to manage object permissions and control access to your data using AWS Identity and Access Management (IAM). Learn More »

Available

Amazon S3 Standard is designed for up to 99.99% availability of objects over a given year and is backed by the Amazon S3 Service Level Agreement, ensuring that you can rely on it when needed. You can also choose an AWS region to optimize for latency, minimize costs, or address regulatory requirements.

Low Cost

Amazon S3 allows you to store large amounts of data at a very low cost. Using lifecycle policies, you can set policies to automatically migrate your data to S3 Standard - Infrequent Access and Amazon Glacier as it ages to further reduce costs. Learn More »

Simple Data Transfer

Amazon provides multiple options for cloud data migration, and makes it simple and cost-effective for you to move large volumes of data into or out of Amazon S3. Customers can choose from network-optimized, physical disk-based, or third-party connector methods for import to or export from of S3.

Integrated

Amazon S3 is deeply integrated with other AWS services to make it easier to build solutions that use a range of AWS services. Integrations include AWS Storage Gateway, Amazon CloudFront, Amazon CloudWatch, Amazon Kinesis, Amazon RDS, Amazon Glacier, Amazon EBS, Amazon DynamoDB, Amazon Redshift, Amazon Route 53, Amazon EMR, Amazon VPC, Amazon KMS, and AWS Lambda.

Easy to Manage

Amazon S3 Storage Management features allow you to take a data-driven approach to storage optimization, data security, and management efficiency. These enterprise-class capabilities give you data about your data, so you can manage your storage based on that personalized metadata. Learn More »

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