AWS ❯ Documentation ❯ Amazon Simple Storage Service (S3) ❯ **User Guide**

What is Amazon S3?

PDF (/pdfs/AmazonS3/latest/userguide/s3-userguide.pdf#Welcome)

RSS (s3-userguide-rss-updates.rss)

Amazon Simple Storage Service (Amazon S3) is an object storage service that offers industry-leading scalability, data availability, security, and performance. Customers of all sizes and industries can use Amazon S3 to store and protect any amount of data for a range of use cases, such as data lakes, websites, mobile applications, backup and restore, archive, enterprise applications, IoT devices, and big data analytics. Amazon S3 provides management features so that you can optimize, organize, and configure access to your data to meet your specific business, organizational, and compliance requirements.

Topics

- Features of Amazon S3 (#S3Features)
- How Amazon S3 works (#CoreConcepts)
- Amazon S3 data consistency model (#ConsistencyModel)
- Related services (#RelatedAmazonWebServices)
- Accessing Amazon S3 (#API)
- Paying for Amazon S3 (#PayingforStorage)
- PCI DSS compliance (#pci-dss-compliance)

Features of Amazon S3

Storage classes

Amazon S3 offers a range of storage classes designed for different use cases. For example, you can store mission-critical production data in S3 Standard for frequent access, save costs by storing infrequently accessed data in S3 Standard-IA or S3 One Zone-IA, and archive data at the lowest costs in S3 Glacier Instant Retrieval, S3 Glacier Flexible Retrieval, and S3