









# Cloud storage products





Simple, reliable, and secure solutions for your media, analytics, and application data.

- ✓ Advanced features like geo-redundancy, edge caching, and WORM compliance built in
- ✓ Easy control over disaster recovery, performance, location, and price
- ✓ Integrate with analytics and ML solutions to get more from your data storage




Products	Good for	
OBJECT OR BLOB STORAGE		

Products	Good for	
<p><a href="https://cloud.google.com/storage/">Cloud Storage (https://cloud.google.com/storage/)</a>                      Reliable object storage with global edge-caching and instant data access.</p>	<ul style="list-style-type: none"> <li>• Stream videos</li> <li>• Image and web asset libraries</li> <li>• Data lakes</li> </ul>	 <p>(http</p>
<p><b>BLOCK STORAGE</b></p>		
<p><a href="https://cloud.google.com/persistent-disk/">Persistent disk (https://cloud.google.com/persistent-disk/)</a>                      High-performance block storage for virtual machines and containers.</p>	<ul style="list-style-type: none"> <li>• Disks for virtual machines</li> <li>• Sharing read-only data across multiple virtual machines</li> <li>• Rapid, durable backups of running virtual machines</li> <li>• Local storage for databases</li> </ul>	
<p><b>ARCHIVAL STORAGE</b></p>		

Products	Good for	
<p><a href="https://cloud.google.com/storage/">Cloud Storage (https://cloud.google.com/storage/)</a> Ultra low-cost archival storage with online access speeds.</p>	<ul style="list-style-type: none"><li>• Backups</li><li>• Media archives</li><li>• Long-tail content</li><li>• Meet regulation or compliance requirements</li></ul>	  (http 
FILE STORAGE		
<p><a href="https://cloud.google.com/filestore/">Cloud Filestore (https://cloud.google.com/filestore/)</a> Fully managed, scalable file storage with predictable performance.</p>	<ul style="list-style-type: none"><li>• Home directories</li><li>• Rendering and media processing</li><li>• Application migrations</li></ul>	 (http servic  (http servic  (http
MOBILE APPLICATION		

Products	Good for	
<p><a href="https://firebase.google.com/products/storage/">Cloud Storage for Firebase</a> Scalable storage for user-generated content from your app.</p>	<ul style="list-style-type: none"> <li>• User-generated content</li> <li>• Uploads over mobile networks</li> </ul>	    

DATA TRANSFER

<p><a href="https://cloud.google.com/products/data-transfer/">Data Transfer Services</a> Fast offline, online, or cloud-to-cloud data transfer.</p>	<ul style="list-style-type: none"> <li>• Collect research data</li> <li>• Move ML/AI training datasets</li> <li>• Migrate from S3 to Google Cloud</li> </ul>	   
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COLLABORATION

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Products	Good for	
<p><a href="https://cloud.google.com/drive-enterprise/">Drive enterprise</a> (<a href="https://cloud.google.com/drive-enterprise/">https://cloud.google.com/drive-enterprise/</a>)</p> <p>Cloud-based content collaboration and storage.</p>	<ul style="list-style-type: none"><li>• Access files from anywhere through web, apps, and sync clients</li><li>• Create and work on documents with coworkers</li></ul>	

For more information on GCP databases, [go here](https://cloud.google.com/products/databases/) (<https://cloud.google.com/products/databases/>)

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## Storage products



### Cloud Storage

Simply store your data in Cloud Storage to get secure and highly available object storage at low costs. A consistent API, latency, and speed across storage classes makes development easy.

[Learn more](https://cloud.google.com/storage/) → (<https://cloud.google.com/storage/>)



## Persistent Disk

Use block storage that is suitable for any virtual machine or container. Storage volumes can be transparently resized, quickly backed up, and support simultaneous readers.

[Learn more](https://cloud.google.com/persistent-disk/) → (<https://cloud.google.com/persistent-disk/>)



## Cloud Filestore

Fully managed, scalable file storage with predictable performance.

[Learn more](https://cloud.google.com/filestore/) → (<https://cloud.google.com/filestore/>)



## Cloud Storage for Firebase

Quickly and easily store and serve user-generated content. The Firebase SDKs for Cloud Storage add Google security to file uploads and downloads for your Firebase apps.

[Learn more](https://firebase.google.com/products/storage/) ↗ (<https://firebase.google.com/products/storage/>)



## Data transfer services

Transfer your structured and unstructured datasets quickly to Cloud Storage, BigQuery, or Cloud Dataproc. Move petabytes with a bulk transfer, stream data directly into Google Cloud, or upload via the command line.

[Learn more](https://cloud.google.com/products/data-transfer/) → (https://cloud.google.com/products/data-transfer/)



## Drive Enterprise

A collaborative space for storing, sharing, and editing files. With Google-grade security, artificial intelligence, and real-time collaboration, it's a modern alternative to legacy ECMs.

[Learn more](https://cloud.google.com/drive-enterprise/) → (https://cloud.google.com/drive-enterprise/)

# Need to transfer your data?

View solutions for migrating data fast with Data Transfer.

[Learn more](https://cloud.google.com/products/data-transfer/) (https://cloud.google.com/products/data-transfer/)

## Partners

Connect with one of our partners for help getting started.



See all storage partners → (<https://cloud.google.com/storage/partners/>)

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## What's new in storage?





### Cloud Storage updates bring new replication options

Read blog → [https://cloud.google.com/blog, data-transfer/store-it-analyze-it-storage-updates-bring-new-repli](https://cloud.google.com/blog/data-transfer/store-it-analyze-it-storage-updates-bring-new-repli)



### The case for Drive Enterprise

Read blog → [https://cloud.google.com/blog, collaboration/move-your-business-alternative-the-case-for-drive-en](https://cloud.google.com/blog/collaboration/move-your-business-alternative-the-case-for-drive-en)



### HDFS vs. Cloud Storage: Pros, cons and migration tips

Read blog → [https://cloud.google.com/blog, data-transfer/hdfs-vs-cloud-storage-and-migration-tips](https://cloud.google.com/blog/data-transfer/hdfs-vs-cloud-storage-and-migration-tips)



### Cloud Filestore service brings GCP users high-performance file storage

Read blog → [https://cloud.google.com/blog, cloud-filestore-service-brings-gcp-performance-file-storage](https://cloud.google.com/blog/cloud-filestore-service-brings-gcp-performance-file-storage)



### Persistent Disk and Compute Engine: Control the storage location of your disk snapshots

Read blog → [https://cloud.google.com/blog, data-transfer/new-in-compute-engine-storage-location-of-your-snapsh](https://cloud.google.com/blog/data-transfer/new-in-compute-engine-storage-location-of-your-snapsh)



### What's cooler than being cool? Ice cold archive storage

Read blog → [https://cloud.google.com/blog, data-transfer/whats-cooler-than-cold-archive-storage](https://cloud.google.com/blog/data-transfer/whats-cooler-than-cold-archive-storage)

# Highlights from Next '19

Learn about Google Cloud storage from customers and product experts.



How twitter is migrating 300PB to Google Cloud

Watch video [https://www.youtube.com/watch?v=6dNdqIzL\\_CE&feature=youtu.be](https://www.youtube.com/watch?v=6dNdqIzL_CE&feature=youtu.be)



Best practices for storage classes, reliability and scalability


Watch video <https://www.youtube.com/watch?v=mOHY6m8KzJk&feature=youtu.be>



How to secure and protect your data in Cloud Storage

<https://www.youtube.com/watch?v=izq-5aRfS3w&feature=youtu.be>

Learn more about Cloud Storage

Watch  [video \(https://www.youtube.com/watch?v=izq-5aRfS3w&feature=youtu](https://www.youtube.com/watch?v=izq-5aRfS3w&feature=youtu)