

Hot/Cold Storage Prototype

GCP research credits usage update

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As of 03/24/2020



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GCP4HEP.ORG ▼

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| | Name | ID |
|--|--|-------------------|
|   | Hot Cold Storage Prototype  | high-codex-266818 |
|  | gcp4hep.org  | 1081540946620 |

<https://console.cloud.google.com/home/dashboard?authuser=1&organizationId=1081540946620&project=high-codex-266818>

- Storage
- Browser
- Transfer
- Transfer for on-premises
- Transfer Appliance
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Storage browser + CREATE BUCKET DELETE REFRESH SHOW INFO PANEL

Filter buckets ? |||

Bucket sorting and filtering are available in the Storage browser. Now you can filter your buckets by any value and sort by any column. DISMISS

| <input type="checkbox"/> | Name ↑ | Location type | Location | Default storage class ? | Public access ? | Access control ? | Lifecycle rules ? | Label |
|--------------------------|---------------------|---------------|--------------------|--------------------------------------|------------------------------|-------------------------------|--------------------------------|----------------|
| <input type="checkbox"/> | atlas-eu-multi | Multi-region | eu (multiple re... | Standard | Not public | Uniform | None | ⋮ |

<https://console.cloud.google.com/storage/browser/atlas-eu-multi>

Workspace
Hot Cold Storage Prototype

- Overview
- Dashboards
- Metrics explorer**
- Alerting
- Uptime checks
- Groups
- Settings

Metrics explorer

METRIC VIEW OPTIONS

Find resource type and metric ?

Resource type: **GCS Bucket**
Metric: **Total bytes**

Filter ?

+ Add a filter

Group By ?

+ Add a label

Aggregator ?

none

Estimate

Cloud Storage

Europe

Total Amount of Storage: 600 GB

USD 15.60

Total Estimated Cost: USD 15.60 per 1 month

Estimate Currency

USD - US Dollar

EMAIL ESTIMATE

SAVE ESTIMATE

Metric

Value

object_count

129.00

total_bytes

573.678GiB

Promotional credits ?



\$5,295.49

Remaining credits

Out of \$5,300.00

Remaining credits

\$4,995.49

EDU Credit
kcapozzi
44805112

\$300.00

Free Trial

[→ Credit details](#)

February 1 – March 24, 2020 (total cost) ?

\$0.00

0%

includes -\$4.51 in credits

\$0.00 over December 10, 2019 –
January 31, 2020

February 1 – March 31, 2020 (forecasted total cost) ?

\$0.00

0%

includes -\$7.34 in credits

\$0.00 over December 3, 2019 –
January 31, 2020

Daily ▼



----- Cost trend ?

Pricing overview

Cloud Storage pricing is based on the following components:

- **Data storage**: storing data in buckets.
- **Network usage**: accessing and moving data in buckets.
- **Operations usage**: performing actions within Cloud Storage.
- **Retrieval and early deletion fees**: applicable for data stored in the Nearline Storage, Coldline Storage, and Archive Storage classes.

<https://cloud.google.com/storage/pricing#pricing-example-detailed>

Simple pricing example ↔

The following example shows a simple scenario that might apply if you are just getting started with Cloud Storage. The data storage amount is the average amount of data in your bucket over the course of the month.

Suppose you have the following storage usage pattern in a given month:

| Pricing Category | Type of Usage | Amount |
|------------------------------|---|-------------------|
| Data storage | Standard Storage in a multi-region | 50 GB |
| Network | Egress to the Americas and EMEA | 10 GB |
| Operations | Class A operations (object adds, bucket and object listings) | 10,000 operations |
| Operations | Class B operations (object gets, retrieving bucket and object metadata) | 50,000 operations |

<https://cloud.google.com/storage/pricing#pricing-example-detailed>

Cloud Storage Always Free usage limits

As part of the [Google Cloud Free Tier](#), Cloud Storage provides resources that are free to use up to specific limits. These usage limits are available both during and after the free trial period. If you are no longer in the free trial period, usage beyond these Always Free limits is charged according to the [pricing tables below](#).

| Resource | Monthly Free Usage Limits |
|--------------------|---|
| Standard Storage | 5 GB-months |
| Class A Operations | 5,000 |
| Class B Operations | 50,000 |
| Network Egress | 1 GB from North America to each GCP egress destination (Australia and China excluded) |

Cloud Storage Always Free quotas apply to usage in [US-WEST1](#) , [US-CENTRAL1](#) , and [US-EAST1](#) [regions](#). Usage is aggregated across these 3 regions. Always Free is subject to change. Please see our [FAQ](#) for eligibility requirements and other restrictions.