Build and run dynamic websites on Google Cloud using Cloud Run and Cloud CDN. Try the preconfigured solution for free.

Cloud CDN and Media CDN

Leverage Google's decade of experience delivering content

Google's content delivery networks—Cloud CDN and Media CDN—scale to bring content closer to a global audience.

New customers get $300 in free credits to try Cloud CDN and other Google Cloud products.

Get started for free

Looking for something else? Browse other networking products.

Product highlights

- Use the same network that serves 2 billion Google users
- Increase web performance with Cloud CDN
- Scale video streaming to millions of users with Media CDN

Google Cloud CDN in a minute

2:44

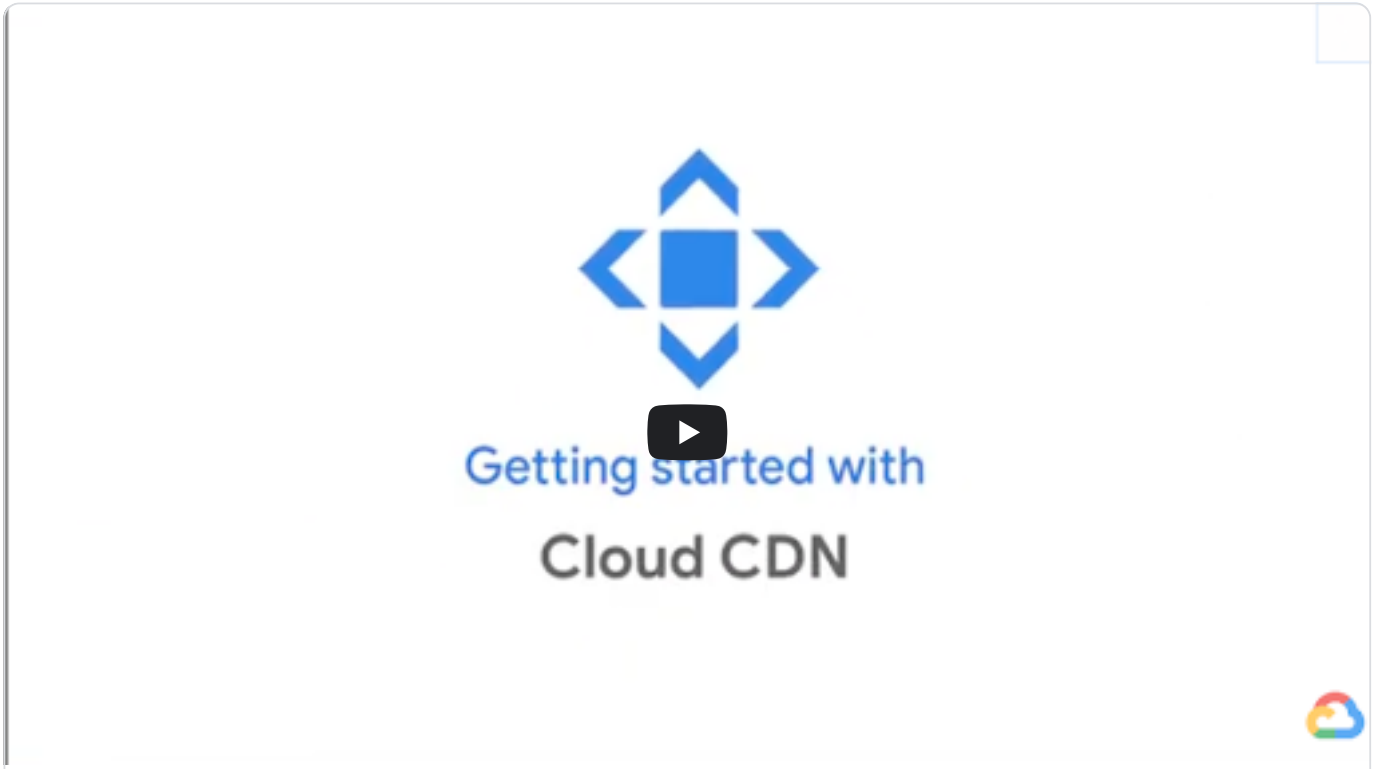
FEATURES

Sandpiper EX2001
Google v. Sandpiper
IPR2025-01010

Cloud CDN and Media CDN

Cloud CDN accelerates web applications using Google's global edge network.

Media CDN uses YouTube's infrastructure to bring video streams (VoD and live) and large file downloads closer to users for fast and reliable delivery.



VIDEO

Getting started with Cloud CDN

3:13

Universal support for any origin and back end

Pull content from any HTTP-capable origin, including Compute Engine, Cloud Storage, and Google Kubernetes Engine back ends and origins outside of Google Cloud, such as storage buckets in other clouds.

Security in-depth

Cloud CDN and Media CDN integrate with Cloud Armor. Protect content at the edge with Cloud Armor that has protected companies from some of the largest DDoS attacks.

Fine-grain cache controls

Configure caching behavior by origin that allows you to have fine-grained control over cache keys, TTLs, and other caching features based on the content type being served.

Media CDN origin offload for a higher cache hit rate

Route matching and origin selection

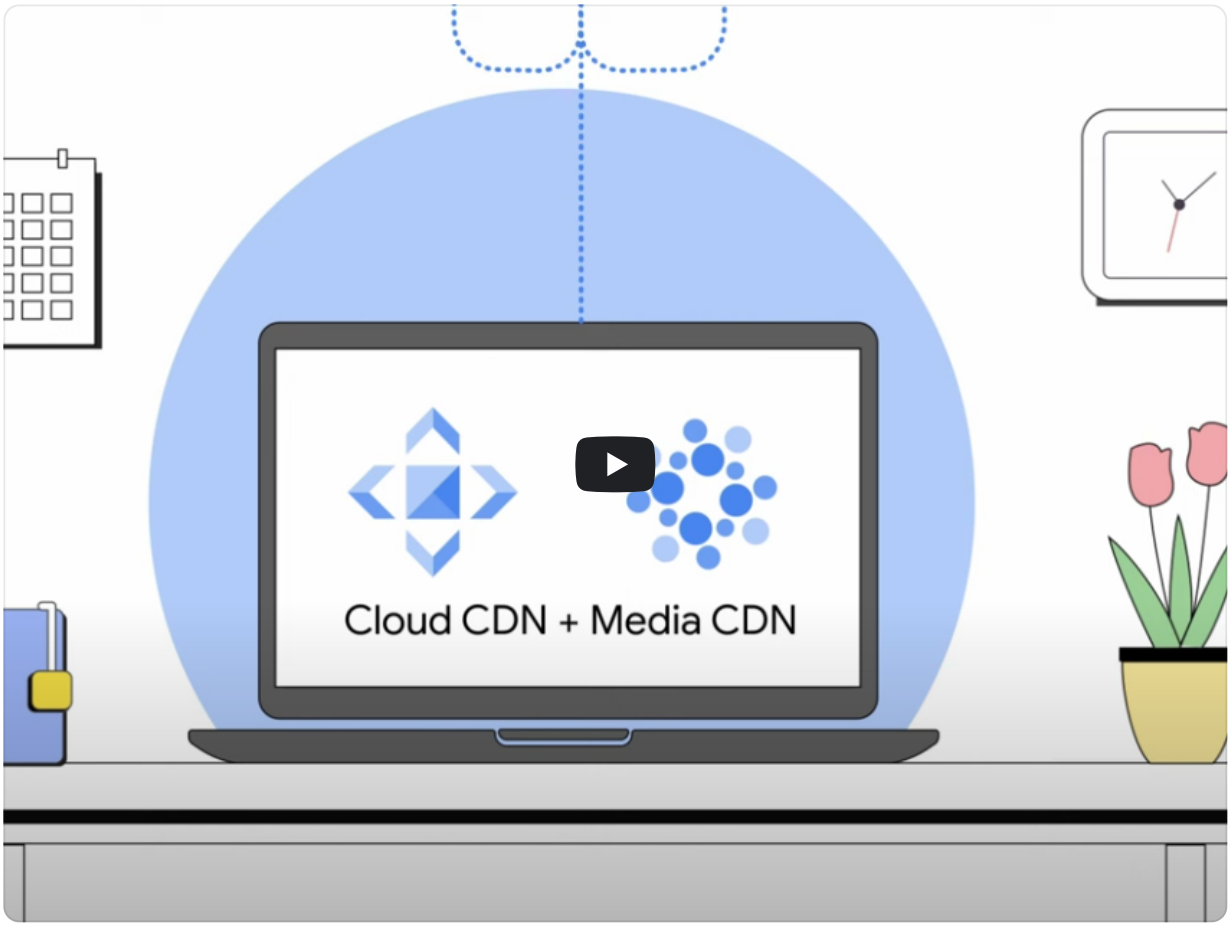
Cloud CDN and Media CDN provide advanced HTTP routing capabilities that allow you to map traffic to specific edge configurations and origins at a fine-grained level.

View all features

HOW IT WORKS

Cloud CDN and Media CDN accelerate web and video content delivery by using Google's global edge network to bring content as close to your users as possible. Latency, cost, and load on your backend servers is reduced, making it easy to scale to millions of users.

View documentation



What is Cloud CDN?

COMMON USES

Static content

Tutorials, quickstarts, & labs

Dynamic content

Tutorials, quickstarts, & labs

Video streaming

Tutorials, quickstarts, & labs

Large gaming and software downloads

Learning resources

GENERATE A SOLUTION

What problem are you trying to solve?

What you'll get:

- Step-by-step guide
- Reference architecture
- Available pre-built solutions

Describe your problem, e.g., "I want to build a web app"

Generate solution

Surprise me

This service was built with Vertex AI. You must be 18 or older to use it. Do not enter sensitive, confidential, or personal info.

PRICING

How Cloud CDN pricing works

Pricing for Cloud CDN is based on bandwidth and HTTP/HTTPS requests

Cache egress

Description

<10 TiB

Price (USD)

Starting at

$0.08

GiB per month

---

10 TiB-150 TiB

Description

Starting at

$0.055

GiB per month

150 TiB-500 TiB

Description

Starting at

$0.03

GiB per month

>500 TiB

Description

Contact us for a volume-based discount.

Cache fill

Description

Within North America or Europe (including Hawaii)

Price (USD)

$0.01

per GiB

Within each of Asia Pacific, South America, Middle East, Africa, and Oceania (including Hong Kong)

Description

$0.02

per GiB

Inter-region cache fill (for example: between Asia Pacific and North America)

Description

$0.04

per GiB

Lookup requests

Description

HTTP/HTTPS cache lookup requests

Price (USD)

$0.0075

per 10,000 requests

Learn more about Cloud CDN pricing. View all pricing details.

CLOUD CDN

Estimate your monthly Cloud CDN charges with this calculator.

Estimate your costs

MEDIA CDN

Connect with our sales team to get a quote for Media CDN.

Request a quote

Start your proof of concept

New customers get $300 in free credits to try Cloud CDN and other Google Cloud products

Get started for free

Contact sales to get started on Media CDN

Contact sales

Getting started with Cloud CDN

Watch video

Learn best practices for optimizing and accelerating content delivery

Read guide

Learn how to stream video with Media CDN

Read guide

BUSINESS CASE

Explore how other businesses cut costs, increase ROI, and drive innovation with Cloud CDN and Media CDN

Google Cloud's Media CDN helps us efficiently scale our infrastructure.

Rutong Li, Chief Technology Officer at U-NEXT

U-NEXT reached a 98.3% cache rate, delivering a seamless experience for viewers.

Read customer stories

Related Content

MLB partners with Google Cloud for the ultimate fan experience

Google Cloud to power AppLovin's next phase of growth with Cloud CDN

Enable web-application firewall and DDoS mitigation with Cloud Armor

Featured benefits and customers

Shape the content delivery platform to your needs with APIs and edge computing programmability.

Build an end-to-end content delivery solution that integrates seamlessly with Cloud Storage, Google Ad Manager, and APIs.

Get real-time observability that helps you make intelligent decisions based on data.