

# CDN PROVIDERS

There are many **CDN providers**, each offering different features like speed, security, pricing, and global coverage.

Below is a comparison of some of the **top CDN providers**:

## 1. Cloudflare

- **Best for:** Security, DDoS protection, free plan
- **Key Features:**
  - Free CDN with global edge network
  - Built-in DDoS protection & Web Application Firewall (WAF)
  - Supports HTTP/3 & QUIC for faster delivery
  - Free SSL certificates
  - Workers (serverless edge computing)
- **Pricing:** Free plan available, paid plans start at **\$20/month**

**Pros:** Easy setup, great security, free tier

**Cons:** Limited customization in free plan

## 2. Akamai

- **Best for:** Enterprise-level performance, media delivery
- **Key Features:**
  - One of the largest CDN networks (300,000+ servers)
  - Optimized for video streaming & large file downloads
  - Advanced security (Zero Trust, bot mitigation)
  - High reliability (used by Disney, Sony, etc.)
- **Pricing:** Custom pricing (expensive, enterprise-focused)

**Pros:** Ultra-fast, highly reliable, best for large-scale needs

**Cons:** Expensive, complex setup

### 3. Amazon CloudFront (AWS)

- **Best for:** AWS users, scalable cloud solutions
- **Key Features:**
  - Deep integration with AWS (S3, EC2, Lambda@Edge)
  - Pay-as-you-go pricing
  - Supports live & on-demand video streaming
  - Global low-latency network
- **Pricing:** Starts at **\$0.085/GB** (varies by region)

**Pros:** Scalable, good for AWS-based apps

**Cons:** Can get expensive with high traffic

### 4. Fastly

- **Best for:** Real-time caching, edge computing
- **Key Features:**
  - Instant cache purging (changes go live in <1 sec)
  - Edge computing with WebAssembly (Wasm)
  - Advanced DDoS protection
  - Used by Twitter, Shopify, New York Times
- **Pricing:** Starts at **\$50/month**

**Pros:** Real-time updates, developer-friendly

**Cons:** Steeper learning curve

### 5. BunnyCDN

- **Best for:** Affordable, high-speed CDN
- **Key Features:**
  - Cheap & simple pricing (\$0.01/GB in some regions)
  - Supports image optimization & video streaming
  - Easy setup with WordPress, Shopify, etc.
- **Pricing:** Starts at **\$0.01/GB**

**Pros:** Budget-friendly, fast performance

**Cons:** Fewer edge locations than Cloudflare/Akamai

## 6. StackPath (formerly MaxCDN)

- **Best for:** Small businesses, simple CDN needs
- **Key Features:**
  - Easy-to-use control panel
  - Built-in WAF & DDoS protection
  - Supports HTTP/2 & Brotli compression
- **Pricing:** Starts at **\$20/month**

**Pros:** Simple, good security

**Cons:** Limited advanced features

## Which CDN Should You Choose?

- For a free & secure CDN → Cloudflare
- For enterprise-grade performance → Akamai
- For AWS users → Amazon CloudFront
- For real-time updates → Fastly
- For budget-friendly options → BunnyCDN