

CDN providers

1. Akamai:

- **Global Reach:** One of the largest CDN networks with over 300,000 servers in 135+ countries.
- **Key Features:** Advanced security features, such as DDoS protection, Web Application Firewall (WAF), and TLS/SSL encryption. It also supports large-scale live video streaming and offers performance optimization for mobile devices.
- **Pricing:** Custom pricing based on usage and features selected.
- **Strength:** Known for reliability and advanced security features, it is well-suited for enterprises handling high traffic and critical content.

2. Amazon CloudFront:

- **Global Reach:** 450+ edge locations across the globe.
- **Key Features:** Seamless integration with AWS services, real-time metrics, pay-per-use model, and supports HTTP/2 and IPv6. It also offers Lambda@Edge for running code closer to the user.
- **Pricing:** Pay-as-you-go, based on data transfer and requests.
- **Strength:** Best suited for businesses already using AWS infrastructure, providing excellent scalability and ease of integration.

3. Aryaka:

- **Global Reach:** Primarily optimized for enterprise WAN optimization and security, focusing on business-critical applications.
- **Key Features:** Uses a private core network with SD-WAN and built-in WAN optimization, which enhances the speed and security of content delivery.
- **Pricing:** Custom enterprise pricing, often bundled with network and security features.
- **Strength:** Ideal for enterprises that require secure, optimized WAN performance alongside their CDN.

4. Azure CDN:

- **Global Reach:** Integrated with Microsoft's global cloud infrastructure, 129+ PoPs.
- **Key Features:** Deep integration with other Azure services, offering enhanced performance for Microsoft-based applications. It supports advanced analytics, DDoS protection, and customizable content rules.
- **Pricing:** Pay-as-you-go, based on traffic, requests, and data location.

- **Strength:** Perfect for companies heavily invested in Azure, offering smooth integration with Microsoft's cloud services.

5. Alibaba Cloud CDN:

- **Global Reach:** Extensive network with over 2800 nodes, especially strong in China and the Asia-Pacific region.
- **Key Features:** Supports intelligent popularity-based caching, SSL certificates, anti-leeching mechanisms, and smart compression. It offers powerful analytics and log management.
- **Pricing:** Two billing models, by traffic or by bandwidth, depending on customer needs.
- **Strength:** Particularly effective for businesses targeting users in Asia, especially China, with robust optimization for media delivery.

6. CacheFly:

- **Global Reach:** A smaller but highly optimized CDN network, with a focus on ultra-low-latency delivery.
- **Key Features:** CacheFly excels in video streaming and large file delivery, offering features like fast global routing, storage solutions, and multi-CDN deployment.
- **Pricing:** Custom pricing based on usage.
- **Strength:** Best for media-heavy websites needing fast, low-latency file delivery.

These CDNs differ in their global presence, pricing models, and optimizations, so choosing one depends on your business's needs such as geographical focus, security requirements, and integration with existing cloud services.