

There are number of CDN provider and here is list of top CDN provider.

- Akamai
- StackPath
- Cloudflare
- KeyCDN
- Sucuri
- Google Cloud CDN
- Amazon CloudFront
- Rackspace

### Challenges For CDN Providers:-

#### Security:-

Security is one of the main challenges for CDN providers. Cyber criminal continuously visit website for their malicious activity. Ransome is a worldwide malicious attack that encrypt data of company and demand for some payments.

Here are some steps by CDN providers To Deal With Security:

- CDN providers are providing free SSL/TLS encrypts from to prevent data to be theft and other tampering.
- Providing a 24/7 protection from ddos attach.
- Cloud fare providing bot management to protect traffic from bad bots.(Fight Bot Mode and Super Bot Fight Mode)