

CloudFront CDN - Securing what matters

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Every day – cyber security concerns grow slightly more complex, slightly more worrying and slightly more difficult to combat.

Cyberattacks are getting more widespread and costly. Being held to ransom, flooding networks and the ever prevalent phishing attacks. Staying ahead of attackers with your cyber security set-up has never been more important.

The situation



The average cost of a ransomware breach is now \$4.62m (a 10% increase)*.



There were 5.4 million DDoS attacks in H1 2021 (an 11% increase)**.



Cybercriminals can penetrate 93 per cent of company networks***.

It's not all bad

The challenge comes from attacks that constantly evolve. The type of attack from last month aren't the attacks of this month. You need to know your infrastructure partner cares just as much about security (if not more) as your customers do.

Luckily, AWS solutions feature over 230 security features.



A secure CDN with CloudFront from TD SYNEX, powered by AWS

CloudFront sits between your customers' servers and users. This additional layer makes CDNs great at preventing known security threats before they penetrate.

For example, CDNs are ideally placed to intercept DDoS attacks before they disrupt internal assets. It can identify malicious bot traffic within seconds and reroute it away.

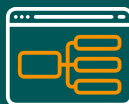
A CDN is a critical component of nearly any modern web application. As well as security, the usability and benefits of a CDN continue to expand by reducing the load on an application and improving the experience.

A CDN used with a combination of additional security solutions like AWS WAF or AWS Shield Advanced will help your customers stay protected in the ever-evolving cyber security world.



Secure

It functions as a barrier between servers and users, helping make a CDN ideal for preventing known security threats before they penetrate.



User experience

93% of users will abandon slow websites. CloudFront delivers content fast and securely.



SEO

CDNs improve page load times and search engine website crawls speeds, which positively impacts SEO ratings.

* IBM ** 32 Remarkable DDoS Statistics for 2022 | SoftActivity *** Alarming Cyber Statistics For Mid-Year 2022 That You Need To Know (forbes.com)

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Business Challenge

IDC Predicts that CDN edge services is will have a five year CAGR of 41% due to increase in demand for low latency content delivery services at the edge. Driven by consumer demand and user experience expectations organizations need to deliver seamless experiences through web pages and mobile applications at scale.

Introducing CloudFront CDN

This Click-to-Run Solution leverages Cloud Front Content Delivery Network Service from Amazon Web Services to deliver content securely through a high performance global network consisting of globally dispersed points of presence with built in features for intelligent routing, scalability, performance and security. Our preconfigured solution automates and simplifies the deployment of the Cloud Front CDN Service.

This solution is available through our StreamOne platform and can be deployed in fifteen minutes or less.



Key Features

- CDN Service Configuration
- Set the Origin ID
- Preferred AWS Region
- DNS & Root Object Configuration



Business Outcomes

- Growth & Scale
- Enhanced User Experience
- Improved Business Agility
- Application Performance
- Global Reach & Capacity

Why leverage TD SYNnex's Click-to-Run™ solutions?



Reduce Cost & Time

Reduce costs, time & risks by customizing & deploying pre-architected, validated and tested solutions.



Offer More – GetMore

Enhance your portfolio and increase your revenue by offering more options and solutions to your customers.



Faster Time to Market

Broad set of enablement resources to quickly build Cloud Solutions practices within your organization.

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