



Product Brief

AT&T DDoS Defense with KONA Site Defender

Multi-layered Content Delivery Network (CDN) security

Distributed Denial of Service (DDoS) attacks have reached a record high, being initiated by individuals or organized groups of “cyber fighters” intent on immobilizing companies by shutting down their customer-facing servers, making them unavailable to legitimate users.

Carrying out these attacks is becoming much easier, thanks to a new “botnets for hire” trend where hackers can simply rent bots other people already operate on infected computers – giving them access to much larger number of bots and control over many more computers.

These DDoS events are carried out across all industries, disrupting online revenue generation, frustrating customers and damaging the reputations of the organizations targeted for the attacks.

Better Protect the Content Delivery Network

If you use a content delivery network (CDN) to distribute rich digital media, highly interactive web applications and personalized content to your end users, you need to be aware of another increasing DDoS trend.

Beyond launching DDoS attacks at the origin servers in a data center, hackers are seeking to shut down the proxy servers spread across locations on the CDN. This means the local servers, those that cache content closer to users to help accelerate delivery, are now the focus of application-level DDoS threats.

That’s why we combined AT&T DDoS Defense and AT&T Content Delivery Network Service into one bundled service called AT&T DDoS Defense with KONA Site Defender.

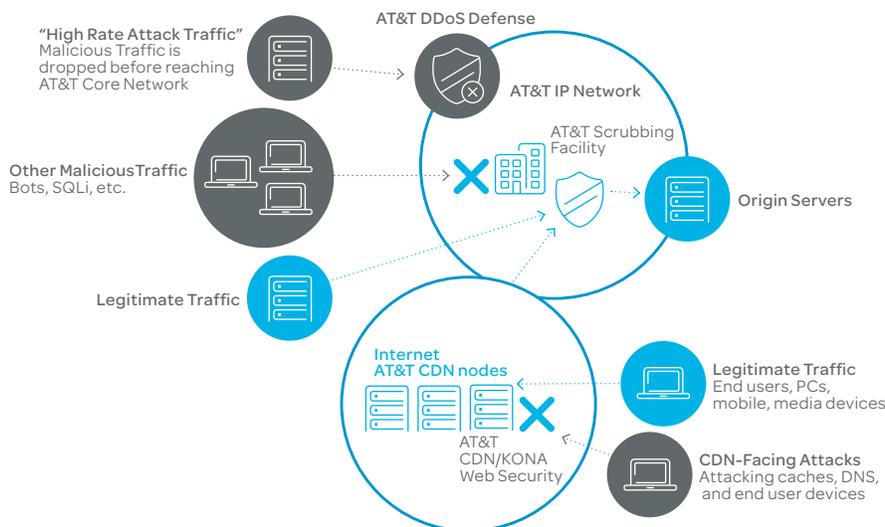
Potential Benefits

- Origin to Edge Server multi-layered protection for a more complete security approach
- Help protect against DDoS attacks before they penetrate the CDN network
- Designed to proactively monitor and help protect CDN-related properties
- Simple service activation with no added hardware or software needed
- Easy to order with one contract

Features

- Alerts and mitigates DDoS attacks on origin servers
- Monitors public IP addresses
- Detects profile and misuse anomalies
- Provides summary reports for traffic, TCP and UDP applications
- Monitors and mitigates threats at CDN caching server and network level
- Monitors web assets defined to AT&T CDN
- Detects application-level DDoS attacks and reroutes CDN traffic

How AT&T helps protect against more DDoS attacks



To learn more about AT&T Managed Security Services, visit www.att.com/network-security or [have us contact you](#).

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Bundled Together for Better Defense

AT&T DDoS Defense with KONA Site Defender service can extend protection from origin servers to edge servers for a comprehensive, multi-level approach to security. This two-phased DDoS mitigation strategy provides:

Proactive protection

Helps to mitigate volumetric DDoS attacks on origin servers before they reach your network. We perform detailed traffic analysis to identify anomalies within seconds. Malicious traffic can be blocked and sent to AT&T scrubbing facilities around the world to help prevent service disruption.

Defense against large and small attack

AT&T Threat Management and Network Operations teams work closely together to provide best-in-class security features, including the ability to drop attack packets at the AT&T network edge.

DDoS mitigation beyond the data center

Provides a perimeter designed for defense of your CDN assets and intellectual property, cached and distributed worldwide. A web application firewall detects threats in HTTP and HTTPS traffic targeted at the application layer. Enhanced Domain Name Service (EDNS) and DNS Security (DNSSEC) protection helps ensure legitimate users get direct access to your website and applications.

An early warning system for threats

As one of the world's largest Internet providers, AT&T has a global view of the threat landscape. We use this intelligence to help identify, predict and thwart DDoS attacks and expand protection for new and emerging threats.

Simplified Ordering

You can buy the solutions within AT&T DDoS Defense with KONA Site Defender separately, but you would miss the pricing advantages of a combined service. Delivered over the web, with no additional CPU or traffic load on your routers, the service is easy to activate and use. A single contract and one number to call for support further simplifies the process and customer experience.

If you want to help stop attacks before they impact revenue streams, your brand and the customer experience, talk to your AT&T representative about AT&T DDoS Defense with KONA Site Defender.

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