



WEBSITE AND APPLICATION SECURITY

Website and Application Security is a US Signal managed service providing cloud-based security for websites and applications. Powered by Cloudflare's global Anycast network with multiple peering locations with the US Signal network, we can provide powerful security, reliability, resiliency, and performance for websites, API's and applications.

AT-A-GLANCE

- + Managed enterprise-class DDoS Protection solution for network, transport & application layers
- + Unmetered, always-on, SLA-backed DDoS mitigation powered by Cloudflare's global Anycast network of 200+ data centers with 30 Tbps+ throughput
- + **Web Application Firewall (WAF)** that includes OWASP top vulnerabilities, preconfigured rule set that learns from existing Cloudflare traffic from over 20 million domains, plus application-specific and custom rule sets
- + Available rate limiting provides protection against application attacks targeting login pages, forms, and API's plus precise DDoS mitigation
- + The fastest managed DNS available

TECHNICAL OVERVIEW

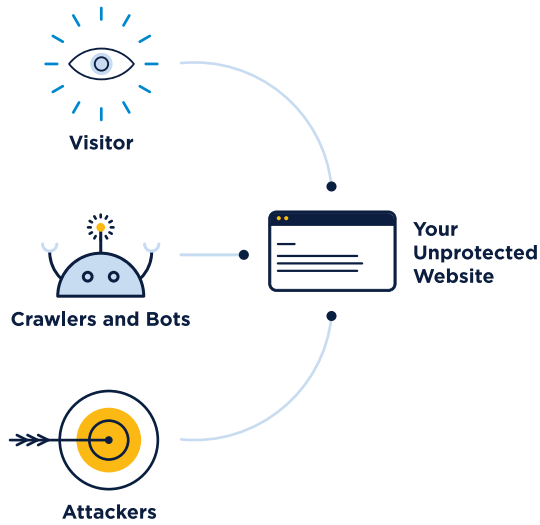
US Signal Provisioning and Technical Operations Engineers will work with your team to develop and deploy a fully managed WaAS configuration that is customized for your business needs. Cloudflare's edge servers serve as a reverse proxy, filtering traffic while protecting your origin server from malicious attacks. While all Internet properties can benefit from the speed and proximity of Cloudflare's DNS and CDN network, customers who host their websites and applications within the US Signal Cloud get the added benefit of multiple direct peering locations between our fiber network and Cloudflare's network.

KEY FEATURES

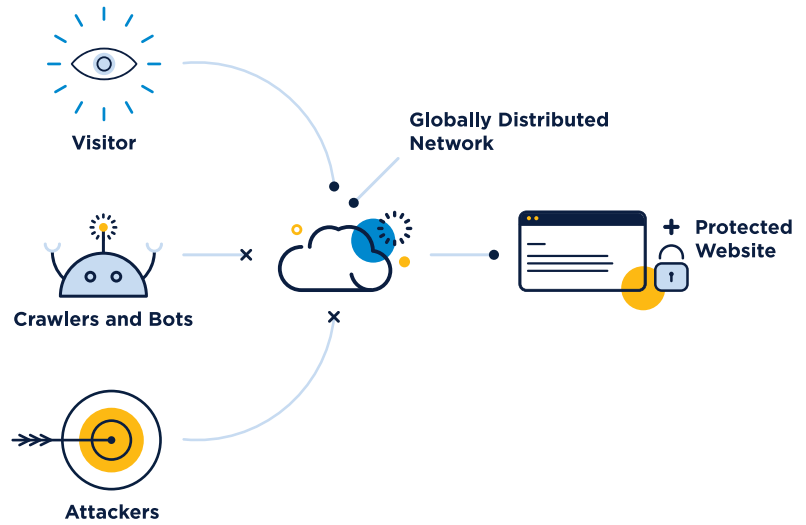
- + 30+ Tbps DDoS Mitigation
- + Global Anycast network built for scale
- + Fastest managed DNS in the world
- + PCI DSS 3.2, GDPR Compliant
- + Simplified SSL certificates
- + Multi-vector attack protection
- + Flat-rate pricing with unmetered DDoS Mitigation

WEBSITE AND APPLICATION SECURITY TECH SHEET

WITHOUT DDoS PROTECTION



WITH DDoS PROTECTION



SERVICE LEVEL AGREEMENTS

We offer a 100% SLA for WaAS which means we guarantee the service will be available and working 100% of the time. Even if your origin servers go down, Cloudflare's global CDN can continue to deliver static content to site visitors with properly configured caching rules.

SERVICEABILITY

WaAS is a DNS-level protection and is available on a per-domain basis for on-premises, colocation, and cloud-hosted environments. It can be bundled with other US Signal services or be purchased independent of other US Signal services.

PRICING

Pricing is split into two tiers; standard and premium. Quotes are given as one flat monthly rate for the service tiers. Multiple domains can be bundled together for pricing purposes. The tier, number of domains, and traffic estimates are used to provide pricing. Optional features are added to the base rate and may be usage-based or have a flat rate.

WEBSITE AND APPLICATION SECURITY TECH SHEET

STANDARD TIER

Includes the following:

- + Multi-layer, distributed, multi-vector and volumetric DDoS mitigation
- + A preconfigured firewall, that leverages an IP reputation database based on traffic information from over 20 million websites, filters known malicious traffic, and is updated continuously
- + A Web Application Firewall (WAF) provides layer 7 protection for applications
- + Simplified SSL management
- + Advanced analytics reporting which shows data utilization, information about threat and malicious activity, and traffic patterns

PREMIUM TIER

Includes everything in the Standard Tier with the addition of:

- + Rate limiting protection for API's, brute force website logins, and refreshes
- + Non-web based TCP proxy for additional protection for applications
- + Several optional customizations can be also made including custom web application firewall rule sets, advanced cache configurations, custom website error pages, image compression, automatic front-end code minification, script loading tools, and more depending on your business needs

US Signal manages the configuration and deployment of the product with the same commitment to customer service we provide across our entire product portfolio. We proactively monitor traffic flows and recommend or deploy new configuration settings to improve data transfer utilization, filter traffic, and to improve the overall visitor experience. Our Technical Operations Center works 24/7/365 to monitor our network and products so you can have peace of mind knowing we have you covered.

OPTIONAL ADD-ONS

- + Load balancing across multiple origin servers plus health checks to ensure traffic is routed around origin failures or congestion
- + Secure, authenticate, and monitor user access to websites and applications using application-level permissions and existing SSO providers
- + Create and deploy serverless applications
- + Optimize routing across the CloudFlare network and create a secure connection between your origin and edge servers. Lock down your origin server ports to thwart data breach attempts

PREMIUM VS STANDARD FEATURE COMPARISON

SECURITY	PREMIUM	STANDARD
Unmetered Mitigation of DDoS Attacks	Unmetered mitigation of DDoS attacks with up to 30 Tbps capacity	Unmetered mitigation of DDoS attacks with up to 30 Tbps capacity
Network prioritization with dedicated Ips	Included	-
Web application firewall (WAF)	Unlimited custom rulesets in addition to standard ruleset curated from OWASP and learning on over 20 million Internet properties	Up to 25 custom rulesets in addition to standard ruleset curated from OWASP and learning on over 20 million Internet properties
Enterprise Rate Limiting	Included	Optional
SSL / TLS 1.2 & 1.3	Shared or Multiple Custom Upload	Shared or Single Custom Upload
Keyless SSL	Included	-
PCI DSS 3.2 compliance	Included	Included
DNSSEC	Included	Included
Multi-user / role based access control	Included	-

PREMIUM VS STANDARD FEATURE COMPARISON

PERFORMANCE	PREMIUM	STANDARD
Flat-rate content delivery network (CDN) bandwidth	Data centers in 194 cities to cache static content across Cloudflare's global content delivery network	Data centers in 194 cities to cache static content across Cloudflare's global content delivery network
Argo smart routing	Optional	-
Tiered caching	Optional	-
Page rules	100 Page Rules	50 Page Rules
Minimum edge cache expire TTL	30 seconds or less	30 minutes
Dynamic content optimization with Railgun™	Included	-
Purge by cache tag	Included	-
Custom edge-side code	Included	-

PREMIUM VS STANDARD FEATURE COMPARISON

RELIABILITY	PREMIUM	STANDARD
DNS	Highest performance DNS (dnsperf.com)	Highest performance DNS (dnsperf.com)
24/7/365 support	US Signal TOC support	US Signal TOC support
Level II support	US Signal Security Operations Center	US Signal Security Operations Center
Level III support	Prioritized vendor support in addition to base support	Standard vendor support in addition to base support
Vendor customer success & solutions engineers	Included	-
Vendor dedicated onboarding support engineer	Included	-
Vendor Emergency support hotline	Included	-
Service level agreement	100% uptime	100% uptime



PREMIUM VS STANDARD FEATURE COMPARISON

INSIGHT	PREMIUM	STANDARD
Analytics	Access to advanced analytics in addition to US Signal customer portal analytics	Customer portal analytics
Enterprise Raw Logs	Available	-
Audit Logs	Included	-
EXTENSIONS	PREMIUM	STANDARD
Workers	Optional	Optional
Load balancing	Optional	Optional
Access - Identity and Access Management	Optional	Optional
Page Rules	Optional	Optional
Bot Management	Optional	-
	Custom Pricing: Typically starts at \$4,000/mo	Flat Pricing: \$400/mo