

NSFOCUS

Cloud Security Services

WebSafe Service

Cloud Web Application and API Protection Service (Cloud WAAP)

Cloud DDoS Protection Service (Cloud DPS)

THE NSFOCUS ADVANTAGE

For organizations running web applications on-premises or in the cloud, maintaining consistent uptime for important web transactions and protecting against data breaches is critical to meet regulatory and business compliance requirements.

However, when seeking a comprehensive solution for web security, organizations may face the challenge of significant investment in costly infrastructure, a lack of security professionals, complex production locations and insufficient bandwidth resources.

By integrating the latest application-layer security technologies, including vulnerability management, threat intelligence, Anti-DDoS and a highly experienced Security Operations Center team, NSFOCUS provides organizations with an all-inclusive yet easy-to-deploy managed Cloud Security Services solution.

GET COMPLETE VISIBILITY FOR YOUR PUBLIC WEB APPLICATIONS

NSFOCUS WebSafe is a cloud service that provides 24/7 follow-the-sun monitoring to ensure that organizations will avoid potential damage to reputation and brand caused by cyber-risks.

The service includes Malicious Code Injection Monitoring and Vulnerability Scanning which protect web applications from webpage defacement and vulnerability exploitation. Accessibility Detection constantly monitors and reports on website reliability and availability.

For organizations that want to ensure all their applications exposed to the Internet are protected by their security management policies, NSFOCUS IP Assets Audit can scan and identify unknown exposed IP assets across the entire network and attack surface.

Phishing attack has become one of the most common attacks performed by cybercriminals. It traps users into a fake website that looks similar to the original for malicious purposes like payment fraud, and theft of personal data and credential. NSFOCUS WebSafe provides 24/7/365 services to monitor phishing websites and trigger warnings before an incident occurs.

KEEP ALL YOUR WEB APPLICATIONS SECURE

NSFOCUS's on-premises Web Application Security solution is trusted by multiple Fortune 500 companies and has been highlighted in IT market reports from Gartner, Forrester and IDC. Now these industry leading capabilities are available as an easy-to-deploy service in the cloud. NSFOCUS Cloud WAAP service eliminates infrastructure expense and ongoing maintenance, freeing up valuable IT resources and enabling over-burdened staff to focus on strategic initiatives instead of fighting fires. With NSFOCUS, you can be assured that web applications and APIs are protected against OWASP Top 10 and WASC vulnerabilities through advanced technologies including machine learning, smart patching, and custom rules.

KEY BENEFITS

- Ensure business continuity**
- Protect business reputation**
- Secure sensitive data**
- Reduce infrastructure expense and maintenance**
- Replace tedious, time-consuming, manual processes with advanced automation**

KEY FEATURES

Fully-managed service provided by the NSFOCUS Security Operations Center

24/7/365 visibility and monitoring

Eight (8) scrubbing centers with 7T+ capacity strategically located around the world

NSFOCUS Threat Intelligence sourced globally

Customized service and reports on request

Unlimited mitigation plan available

NSFOCUS CLOUD WAAP FEATURES

- » Protects against all OWASP Top 10 and WASC vulnerabilities
- » Bot identification, filtering, traffic noise reduction for anti-scanning, anti-crawling, anti-crocking, anti-malicious (false) registration and anti-brute force cracking
- » API traffic identification (XML & JSON)
- » API detection and protection: API parameter splicing, parameter tampering, and vulnerability attack
- » Anti-DDoS: TCP floods, HTTP/S GET/POST floods, low-and-slow attacks, brute force
- » Automated compliance reports for PCI-DSS

SECURE YOUR BUSINESS CONTINUITY EVEN UNDER MASSIVE DDOS ATTACKS

Even when organizations have their web applications and vulnerabilities carefully managed, they may still face the risk of distributed denial-of-service (DDoS) attacks which may exhaust all network bandwidth and bring business operations to a halt. Since DDoS attacks are very easy to create and are constantly evolving, organizations must be prepared with effective countermeasures against sophisticated and volumetric attacks.

NSFOCUS Cloud DDoS Protection Service (Cloud DPS) is supported by eight (8) super scrubbing centers that are capable of mitigating attacks that are even larger than the massive, record terabit attack. By appointing your DNS resolution to the protected public IP address offered by NSFOCUS, the origin server IP address is masked and volumetric malicious traffic is blocked before its arrival. Only legitimate traffic will be sent to the origin servers via the Internet after mitigation, thus ensuring business continuity and uninterrupted service

BENEFIT FROM SOPHISTICATED NSFOCUS THREAT INTELLIGENCE (NTI)

The NSFOCUS Security Lab consists of an advanced, worldwide team of leading researchers and engineers who capture threat intelligence using data collected from 15,000+ NSFOCUS monitored sensors, honeypots and managed networks worldwide., All NSFOCUS Security Services are backed by NTI, providing actionable intelligence through its IP reputation, malicious URL, command and control botnet, and malware data feed. This valuable intelligence helps organizations to detect and defend against emerging and known threats, execute threat hunting, support forensics, and execute investigations and reporting before, during, and after an attack.

SPECIFICATIONS

■ Included □ Option available

	WebSafe	Cloud WAAP	Cloud DPS – DNS Diversion
7/24 Security Operation Center Support	■	■	■
Managed Service	■	■	■
SLA	■	■	■
Self-Serviced Portal		■	■
NSFOCUS Threat Intelligence	■	■	■
Weekly/Monthly Report	■	■	■
Self-Serviced Report		■	■
Proactive Expert Intervention	■	■	■
Protection Policy Tuning by Expert	■	■	■
Dedicated Technical Account Manager (TAM)		□	□
Governance Meeting		□	□
Attack Metrics		■	■
Website Availability Detection	Every 15 minutes in 9 regions » HTTP/HTTPS » PING » TCP		
Asset Assessment	Discover new online applications. Monthly report.		

	WebSafe	Cloud WAAP	Cloud DPS – DNS Diversion
Web Vulnerability Scan	<ul style="list-style-type: none"> » Covers WASC classified risks and OWASP Top 10 risks » 210,000+ vulnerabilities. » Vulnerability lifecycle management » Expert intervention for verification 		
Malicious Code Injection Monitoring	<p>Alert in 1 Business Day</p> <ul style="list-style-type: none"> » Malicious Iframe code » Malicious JavaScript code » Malicious picture camouflage code » Malicious JS encryption disguised code » Malicious CSS code » Malicious advanced deception code » Malicious links in static HTML » Malicious JS loaded links » Malicious links after page jump 		
Phishing Detection	Discover phishing websites on the Internet designed similar to the customer website		
Website Protection		<p>Protect against OWASP Top 10 threats</p> <ul style="list-style-type: none"> » Cross-site Scripting (XSS) » Cross-Site Request Forgery (CSRF) » Command & SQL Injection, Remote File Inclusion (RFI) » Web Page Defacement » Malicious Scanning » Botnet Protection » XML Attack Protection » HSTS » ... 	
Bot Protection		■	
API Protection		■	
Protect Against 0-day Attacks		■	
Sensitive Data Filtering.		■	
Brute Force Protection		Identifies probes, scans, and password	

	WebSafe	Cloud WAAP	Cloud DPS – DNS Diversion
Protection Against Layer 7 Distributed Denial-of-Service.		■	
CC Protection		■	
Black-holing		■	■
Protection Against Layer 3 and 4 Distributed Denial-of-Service.			<ul style="list-style-type: none"> » SYN Flood, ACK Flood, ICMP Flood, UDP Flood, FIN/RST Flood, SYNACK Flood » ICMP Fragment, UDP Fragment, TCP Fragment » HTTP Flood, HTTP Slow Attack, HTTPS Flood, SIP Flood, DNS Query Flood, DNS Reply Flood, » TCP Misuse, Land Flood, HTTP Malformed » TCP Connection Exhaustion, SSL Connection Exhaustion » TCP Reflection, DNS Reflection, SSDP Reflection, NTP Reflection, CHARGEN Reflection, SNMP Reflection, CLDAP Reflection, MS SQL Reflection
DDoS Protection Capacity		1Gbps	20Gbps/50Gbps/100Gbps/Unlimited

24*7 SECURITY OPERATIONS CENTER (SOC)

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