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ADP Clean Pipe

Anti-DDoS Protected Service

Overview

DDoS is a Cyberattack to dispute the normal traffic of targeted server, web services and infrastructures by a flood of internet traffic. It is getting normal and becoming the primary concern of internet security to the enterprise. Our protection is through the integration of the following mechanisms for traffic filtering:

- Auto learning normal behavior according to different customer service characteristics.
- Real-time attack analysis.
- Integration attack analysis data from around the world.
- Provide customers define to filtering country, IP, protocol, port number, string, application layer parameters

Structure

- **Distributed filtering:**
  our global scrubbing PoPs always filter out the nearest source of attack to improve cleaning efficiency.

- **Hierarchical filtering:**
  At the outermost layer, when our scrubbing edge performing global protection, the more common the attack, the more customers can feel the full efficiency protection.
  In the inner layer, using our scrubbing core for customized protection, each customer can have their own protective pattern to make the service more flexible.

When traffic is sent to the DDoS protection scrubbing center, our self-research and developing system will separate non-legitimate requests from others and let legitimate traffic pass through, therefore, it can maintain operating normally and handle the legitimate traffic brought by the real user to access the website.

ANSON NETWORK LTD
3F.-1, No. 88, Zhouzi St., Neihu Dist., Taipei, Taiwan
taipei@ansonnet.com
+886-287859863

ANSON NETWORK LIMITED
Lynton House 7-12 Tavistock Square, London, United Kingdom
london@ansonnet.com
+44-33-08220178

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Specifications

Suitable for	Carrier	Enterprise		
	ISP	Banking / Financial	E-Commerce	Gaming
Level				
Layer 3/4 Protect	●	●	●	●
Layer 7 Protect		●	●	●
Scrubbing Capacity	200Gbps / 800Mpps	10Gbps / 40Mpps	l00Gbps / 400Mpp	Unlimited
Clean Bandwidth (bps)	50M - 100G	5M - 100M	50M - 500M	30M - 10G
Clean Traffic	Unlimited	Unlimited	Unlimited	Unlimited
Protect IP amount	2048 (/21)	3	8	16
Connect				
InHouse X-Connect	●	●	●	●
BGP	●			●
GRE Tunnel	●			●
Reverse Proxy		●	●	●
CNAME binding		●	●	●
Always On		●	●	●
Collect and Analysis				
Global Risk IP Database	●	●	●	●
Flood Protection				
SYN Flood	●	●	●	●
ACK Flood	●	●	●	●
UDP Flood	●	●	●	●
ICMP Flood	●	●	●	●
Connection Flood	●	●	●	●
NTP Flood	●	●	●	●
SSDP Flood	●	●	●	●
DNS Flood	●	●	●	●
Custom Filter				
Black & White List	●	●	●	●
Country Access Control		●	●	●
Character Filter		●	●	●

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Header Protecion				
LAND Attack		●	●	●
Smurf Attack		●	●	●
HTTP Protection				
HTTPS SSL/TLS Supported		●	●	●
Server Load Balancing Supported		●	●	●
HTTP/2 Supported		●	●	●
HTTP URL filter		●	●	●
HTTP Flood		●	●	●
CC Attack		●	●	●
SQL Injection Attack		●	●	●
XSS Attack		●	●	●
OS Commanding Attack		●	●	●
Trojans Attack		●	●	●
X-Frame-Option Filter		●	●	●
X-Content-Type-Option Filter		●	●	●
Cookie Security		●	●	●
Support				
7 x 24 NOC support	●	●	●	●
5 x 8 SOC support	●	●	●	●
7 x 24 SOC support				●
Value-Add Extension				
Free HTTP Cache (CDN)			5TB	10TB
Header Condition Define			●	●
Payload Condition Define			●	●
Web Availability Amplifier (WAA)				●
Custom Signature				●

Distributors

Infosecure Technology Co.,LTD.
Taichung, Taiwan
Tel: +886-422465110
Email: simon@infosecure.com.tw
www.infosecure.com.tw

SYNCLINK NETWORK LIMITED
Taipei, Taiwan
Tel: +886-287713770
Email: danielwu@synclinknetwork.com
www.synclinknetwork.com

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3F.-1, No. 88, Zhouzi St., Neihu Dist., Taipei, Taiwan
taipei@ansonnet.com
+886-287859863

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