

Cloud DPS

CLOUD DDoS PROTECTION SERVICE

OVERVIEW

Along with the 5G technology and the increase of IoT devices, DDoS attacks are continuing to increase in frequency, volume and duration to affect a business's continuity and reputation. Today's threat actors understand how easy and inexpensive it is to launch DDoS attacks that result in Internet outages and potential damage to enterprise infrastructure.

However, enterprises often face the dilemma of heavy equipment investment (CAPEX), lack of security professionals, complex production location (as enterprises shift their production and development into AWS, Azure and other IaaS/PaaS providers), more importantly, insufficient bandwidth resources.

CLOSE TO SOURCE MITIGATION WITH GLOBAL SCRUBBING CENTERS

With 8 global Scrubbing Centers carrying T level capacity, NSFOCUS Cloud DPS ensures its customers will be protected against even the largest DDoS attacks in the history.

Worldwide business hotspots include United States, Europe, Asia Pacific and Latin America are covered with local Scrubbing Centers.

Well selected transit providers combined with Anycast technology ensures all customers could enjoy the consolidated mitigation by all Scrubbing Centers simultaneously, not worrying about traffic congestion in local Scrubbing Center due to mass DDoS attack volume.

SUPPORT L4, L7 DDoS ATTACK MITIGATION

NSFOCUS Cloud DPS employs more than 20 intelligent protection algorithms covering layer 4 and layer 7 attack protection, fully adapted to websites, payment systems, games, audio and video, mobile APP and DNS protection scenarios. Customers can operate various services and applications based on the IP addresses provided by NSFOCUS.

KEY BENEFITS

Ensure business continuity
Protect business reputation and brand

Launch DDoS mitigation service to customers for ISP/IDC/Hosting/IaaS/PaaS providers

KEY FEATURES

8 Global Scrubbing Centers and 7T+capacity

Interconnect with world's major ISPs and Internet Exchange Points

Always-On or On-Demand mitigation based on customer interest (BGP Diversion)

Support http/https/TCP/UDP protocol (DNS Diversion)

Up to unlimited mitigation usage

Zero Time-To-Mitigate, mitigation resources always ready after the initial order

Backed by unique Threat Intelligence source from China and also rest of the world

Hybrid deployment ready, integrate with NSFOCUS on-premises DDoS mitigation equipment

DNS DIVERSION - EASY AND QUICK ACCESS FOR EVERY BUSINESS

NSFOCUS Cloud DPS - DNS is a service which allows customers use DNS diversion to send its traffic to Scrubbing Centers.

Scrubbing Centers will act as a proxy once the customer has appointed its DNS to the protected public IP offered by NSFOCUS, customer origin server IP are masked and volumetric malicious traffic will be blocked before its arriving. Only legitimate traffic will be sent to origin sites via internet after mitigation.

Customers do not need to have IP space, ASN or running BGP to benefit from this service to reduce the DDoS risk, typical customers include:

- » OTT/Online entertainment/Gaming
- » Government/Finance
- » Small and medium enterprise

BGP DIVERSION –PROTECT THE WHOLE PREFIX FOR SERVICE PROVIDERS

Customers who own or manage an Autonomous System (AS) cloud enjoy the benefit from using NSFOCUS Cloud DPS – BGP to protect the whole IP subnet at once. By using Border Gateway Protocol (BGP), Customer's traffic is automatically diverted to its nearest NSFOCUS Scrubbing Centers where attacks are mitigated.

Legitimate traffic is routed to customer selected location via NSFOCUS global backbone network and this ensures customers always receiving its traffic from nearest Scrubbing Center even when the mitigation is executed at other locations, optimum network quality can be expected.

GRE tunnels, Direct Connect or Partner Connect can be selected for peering with the customer network.

NSFOCUS cloud or on-premise traffic monitoring solution is available to enable automated traffic diversion. Always-on mode is also possible up on customer need.

Typical customers include:

- » ISP/IDC/Hosting
- » IaaS/PaaS provider
- » Enterprise

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SELF-SERVICE CUSTOMER PORTAL

Traffic visibility

Attack analytics including type, volume, source region, Top N source IPs.

Self-serviced report, online, downloadable or in email

MANAGED SECURITY SERVICE

Basic and Advanced Managed Security Service are open to all customers regardless of the level of service package they booked.

Optimized SLA include mitigation effect

Advanced report by expert

Proactive traffic monitoring

Dedicated Service Account Manager

Protection policy tuning

Governance meeting

Attack response with expert intervention

INQUIRIES AND ORDERS

<https://nsfocusglobal.com/contact-us/>