NSFOCUS

CLOUD DDOS PROTECTION SERVICE

NSFOCUS Cloud DPS covers 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 their own IP space or IP addresses provided by NSFOCUS.

>> Ensure business continuity

>> Protect business reputation and brand

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

📍 NSFOCUS SCRUBBING CENTERS

>> With our **8** POPs today, we provide **7Tbps network capacity and scrubbing capacity**

>> **Anycast** technology enables all Scrubbing Centers work together to protect the customer's business from the largest DDoS attacks in the world

>> Clean traffic are delivered to customer site via NSFOCUS global backbone network for optimized performance and latency

>> ISO/IEC 27001:2013 compliance

8 scrubbing centers

San Jose
Los Angeles
Ashburn
London
Frankfurt
Hong Kong
Singapore
Sao Paulo

🏅 HIGHLIGHTS

24 X 7
Managed Service by NSFOCUS SOC (Security Operations Center) team with **guaranteed SLA**

Accurate
Covering L3 and L7 attacks, with **proactive expert intervention** and **optimized protection policy** to maximize mitigation effect

Easy-to-use
User portal provides visibility, reporting and analytics function
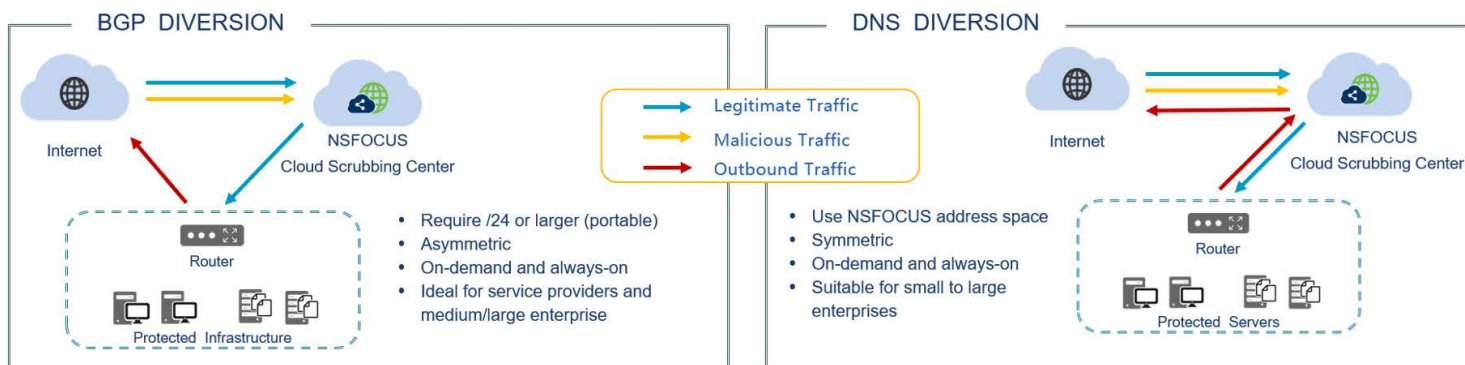
Hybrid architecture ready
Ability to seamlessly integrate **cloud and on-premises** devices for borderless protection

Flexible service model
Clean traffic based pricing allowing unlimited mitigation usage, or **capped basic + elastic** model for flexible budget

⚙️ FLEXIBLE TRAFFIC DIVERSION

BGP DIVERSION

Internet
NSFOCUS Cloud Scrubbing Center
Router
Protected Infrastructure

- Require /24 or larger (portable)
- Asymmetric
- On-demand and always-on
- Ideal for service providers and medium/large enterprise

→ Legitimate Traffic
→ Malicious Traffic
→ Outbound Traffic

DNS DIVERSION

Internet
NSFOCUS Cloud Scrubbing Center
Router
Protected Servers

- Use NSFOCUS address space
- Symmetric
- On-demand and always-on
- Suitable for small to large enterprises

BGP diversion are available for ISP/IDC/Hosting/Enterprise customer with their own IP space and Autonomous System. All traffic (including malicious traffic) targeting protected customer IP prefix will be diverted to NSFOCUS global Scrubbing Centers and mitigated, clean traffic will go through NSFOCUS backbone and reaching the nearest NSFOCUS POP then reach customer datacenter via GRE/Cross Connect/Partner Connect to get the optimum performance.

DNS diversion is ideal for customer running their web services and/or TCP/UDP based services. NSFOCUS will offer its protected IP addresses to customer and malicious traffic will be mitigated in short time once customer redirect their service to NSFOCUS protected IP by updating the DNS records. Acting as a secure proxy, this service masks customer origin server IP and constantly filters incoming traffic, blocking DDoS traffic while legitimate requests could flow through.