

ADBOS

Anti-DDoS Business Operation System

The rapid growth of the digital economy introduced many challenges to internet service providers (ISPs): the data traffic soars every year but the increasing traffic does not translate to increased profit; newly emerged Cloud service providers also come to carve up their market by providing cloud hosting and bandwidth lease services; and a number of regulatory challenges lead to constant shrinking of ISPs' traditional service marketplace. To improve the situation, shifting the service mode and expanding into areas such as cloud services has become the top priority for ISPs. Obviously, ISPs could do more to position themselves as leading the charge against DDoS attacks, as the DDoS (Distrusted Denial-of-Service) attack has been around for decades and is still the most worrisome threat to all organizations, both in terms of protecting their own networks, and by offering security capabilities to their customers.

WHAT IS ADBOS?

NSFOCUS ADBOS is a breakthrough, smart traffic scrubbing scheduling platform for central management of all your on-premises Anti-DDoS devices and cloud services. It can be operated either by a self-service portal that is easy to use for management of many customers, or your smartphone apps which allow you monitoring and scrubbing traffic anywhere at any time.

NSFOCUS ADBOS provides unique user experience for each customer with customer-specific branding and corporation identity, per user/group/role permission for controlled access, and mass customization and configuration operation. Every customer is like using an independent system that enables traffic monitoring, scrubbing, business dial-up and scalability as their own demands.

NSFOCUS

BENEFITS

Low cost and quick to market

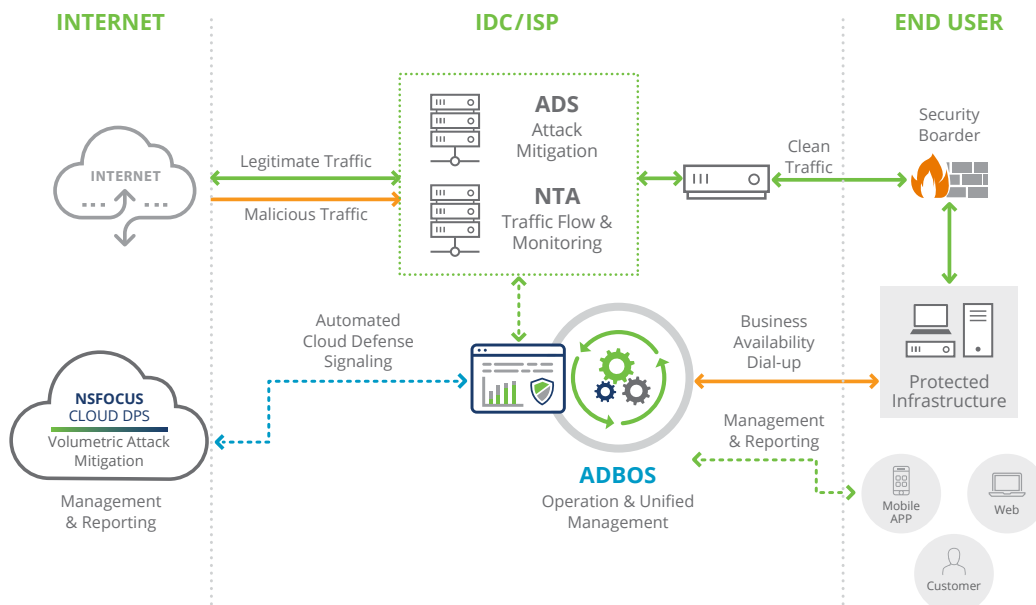
Single dashboard delivers services to multiple customers

Streamlined operation process and quick response to attacks

Monitoring and traffic scrubbing anywhere at anytime via mobile apps

Multi vendor support by using plug-in

Central mass device management reduces manpower and overhead

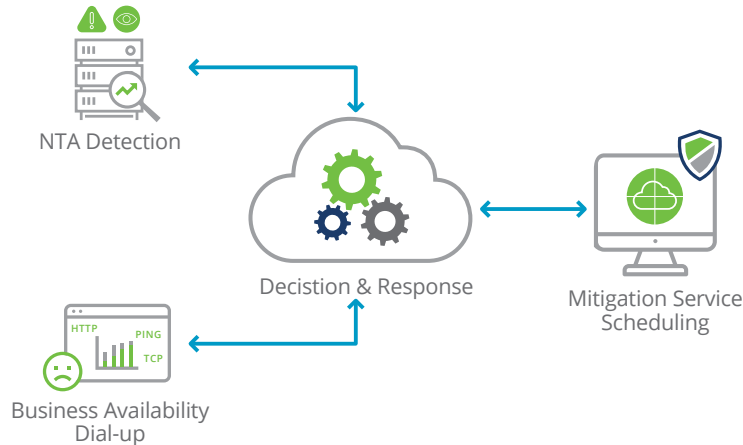


DOUBLE ASSURANCE OF ATTACK DETECTION

ADBOS combines NTA detection and functionality dial-up test together to lower false positive, trigger mitigation immediately and let customers know scrubbing effectiveness after mitigation.

INTELLIGENT RESOURCE SCHEDULING

As the brain of mitigation decision, ADBOS schedules attack traffic mitigation from on-premises devices, ISP protection nodes, or the cloud, according to the size of attacking traffic, requiring ZERO intervention from end users. Threat intelligent analysis can be cooperated to detect anomaly and set auto-alert.



MULTI-TENANT SELF SERVICE PORTAL

NSFOCUS ADBOS is specifically for ISPs to cope with volumetric traffic with efficient use of resources, cost effectiveness, time savings, scalability and improved customer services. Single portal structure delivering services to multiple customers reduces cost for operating a multi-tenant environment rather than multiple portals. The easy-to-use single dashboard also gives global administrators easy visibility for centralized control and management of many customers with sub-organizations by flexible access control.



SCALABLE, OPERATIONAL, PROFITABLE

ADBOS is a scalable virtualized product requiring minimal investment. It covers all ADS models and supports multi vendors by using plug-in. ADBOS facilitates business growth and streamlines the operation process:

- Shorten the response time from hours to minutes
- Save labor cost by 50%
- Cut down mitigation escalation process and enable user self-service mitigation

Business needs high availability, reliability, security scalability for their IT infrastructure, specifically Anti-DDoS service. NSFOCUS ADBOS offers what you need and help expand your product lines in the competitive market.

FEATURES AND FUNCTIONALITIES OF NSFOCUS ADBOS

Features and Functionalities	ADBOS
User Portal	Yes
Multi-tenancy	Yes
Tenant scrubbing capacity differentiation	Yes
Mobile app	Yes
Integration with NTI	Yes
Business availability dial-up test	Yes
Attack and defense drill	Yes
Bill and account management	Yes
Mitigation scheduling between nodes	Yes
Cloud based security solution	Yes
Real time monitoring	Yes
Device health monitoring	Yes
Target user	ISP, IDC, MSSP and Business Operation team
Product form	Yes
Support 3rd parties DDoS system by plug-In	Yes
API to 3rd parties Cloud Anti-DDoS platform for total mitigation, local and cloud	Yes
Separation of local Anti-DDoS Systems for different class of Anti-DDoS Services	Yes

ADBOS MINIMUM REQUIREMENTS

VM Server	CPU	RAM	Disk	Qty	Hosting Environment
Master Server	4 cores	8G	128G	1	VMware ESXi
Node	8 cores	16G	256G	2	VMware ESXi
Data Server	4 cores	8G	500G	1	VMware ESXi