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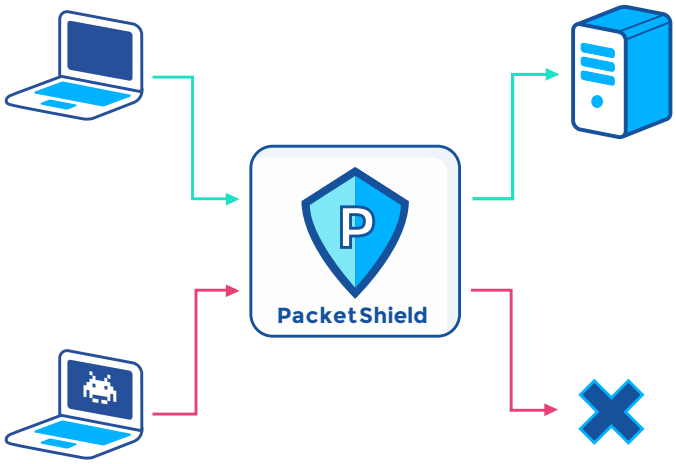
ALOHA Packetshield

The First Defense Against DDoS Attacks

Distributed denial of service attacks (DDoS) are designed to saturate network equipment and server resources (firewalls, load balancers, etc.) in order to make a site or service unstable or unavailable to legitimate traffic.

Growing increasingly prevalent in scale and sophistication, these attacks have a real cost to companies in terms of lost revenue, financial blackmail, service interruption, and reputational damage.



The first defence against network DDoS attacks, PacketShield can be:

- Deployed as a router or load balancer (L4 or L7).
- Combined with HAProxy ALOHA hardware appliances for enhanced network and application security.

Protection against DDoS

ALOHA PacketShield offers a simple, efficient, and cost effective response to DDoS attacks:

- Patented solution guaranteeing zero false positives.
- Wire-speed packet analysis in front of firewalls, load balancers and web servers.
- Real-time filtering and blocking of unwanted traffic, while maintaining access for legitimate traffic.
- Traffic recognition via customizable access lists.

Types of protection

- Protocol verification: automatic blocking of malformed packets.
- Protection against SYN flood attacks.
- ACK/RST flood attack prevention, with stateful packet inspection.
- Protection against ACK attacks from NAT equipment itself under attack.
- Prevention of DNS amplification attacks using valid response recognitions.

	PacketShield 3350	PacketShield 5350	PacketShield 5350 - 40G
Bandwidth	1Gbps	1Gbps	26Gbps
Max Number of Connections	Unlimited		
Packets Processed / Sec.	1,000,000	1,000,000	38,000,000
Deployment Mode	Inline router, inline L4 load balancer, inline L7 load balancer		
High Availability	Active / Passive or Active / Active		