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.

Increasingly prevalent, both in terms of scale and sophistication, these attacks have a real cost to companies in terms of lost revenue, service interruption, diminished reputation, as well as financial blackmail.

**ALOHA PacketShield**

The First Defense Against DDoS Attacks

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**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

**PROTECTION AGAINST DDOS**

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

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

**THE FIRST DEFENCE AGAINST NETWORK DDOS ATTACKS, PACKETSHIELD CAN BE:**

- Deployed as a router, or load-balancer (L4 or 7),
- Combined with any other load-balancing solution, for example HAPproxy or ALOHA Load Balancer, for multi-layer network and application protection.

**PACKETSHIELD**

<table>
<thead>
<tr>
<th></th>
<th>PacketShield 3200</th>
<th>PacketShield 5200</th>
<th>PacketShield 5200 - 10G</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bandwidth</td>
<td>1G</td>
<td>1G</td>
<td>10G</td>
</tr>
<tr>
<td>Max. Number of Connections</td>
<td>Unlimited</td>
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<td>Packets Processed / Sec.</td>
<td>1,000,000</td>
<td>1,000,000</td>
<td>14,000,000</td>
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<td>Deployment Mode</td>
<td>Inline router, inline L4 load-balancer, inline L7 load-balancer</td>
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<tr>
<td>High Availability</td>
<td>Active / Passive or Active / Active</td>
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</tbody>
</table>

**WE WOULD LOVE TO HEAR FROM YOU**

Contact the authoritative experts on HAPproxy who will assist you in finding the solution that best fits your needs for deployment, scale, and security.

**Free Trial:**

[WWW.HAPROXY.COM](http://WWW.HAPROXY.COM)

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