



# Flood Shield

## Distributed Cloud-based DDoS Mitigation Solution

Flood Shield is a comprehensive cloud-based DDoS protection service that delivers fast, simple, and effective DDoS protection to ensure the stability of your origin against distributed denial-of-service attacks (such as SYN Flood, ACK Flood, UDP Flood, HTTP Flood, etc.) in real time and simultaneously provides an acceleration service to legitimate users to optimize the user experience. This solution functions as a shield to ensure the stability and reliability of online services and infrastructures.

### Huge Mitigation Capacity

With **12+ Global DDoS Scrubbing Center** and **15+ Tbps of Mitigation Capacity**, Flood Shield protects your business against even the most sophisticated and large-scale volumetric attacks.

### China Premium Service

CDNetworks provides direct routes to the mainland of China and serves overseas enterprises with superior performance, high reliability, and low latency.

### Mitigation Visibility

Flood Shield provides visibility into all your DDoS attacks, including Layer 3/4 and Layer 7 DDoS dashboard and log.

### BGP Anycast Mitigation

BGP Anycast technology mitigate the attack traffic disperse intelligently, then inject back the normal traffic after the scrubbing is completed.

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# Features

## L3/4 DDoS Mitigation

15Tbps+ overall attack absorbing capacity to deflect even the largest attacks on the edge of the network, such as SYN Flood, ACK Flood, ICMP Flood, UDP Flood, etc.

## L7 DDoS Mitigation

Protect against HTTP/HTTPS floods, Low and slow attacks and other layer 7 based DDoS attacks with threat intelligence, advanced rate limitations, transparent challenges and AI protection.

## AI protection & Machine Learning

Flood Shield intelligently analyzes and identifies attacks to model the normal behaviors of legitimate traffic including IP address, HTTP header, cookies, and JavaScript snippets, etc.

## Monitoring and Warning

Comprehensive monitoring and alerting services to rapidly notify about any website abnormalities, including L3/4 DDoS attack and L7 DDoS attack alerting.

## Quick Deployment & Easy Operation

Mitigate DDoS attack via a DNS change (CNAME), or Scrubbing Center IP.

## Preset Protection & Custom Policies

Preset protection modes are available and easy to switch when responding to different types of attacks. Besides, Flood Shield also provides custom rule/policy to meet different situation.

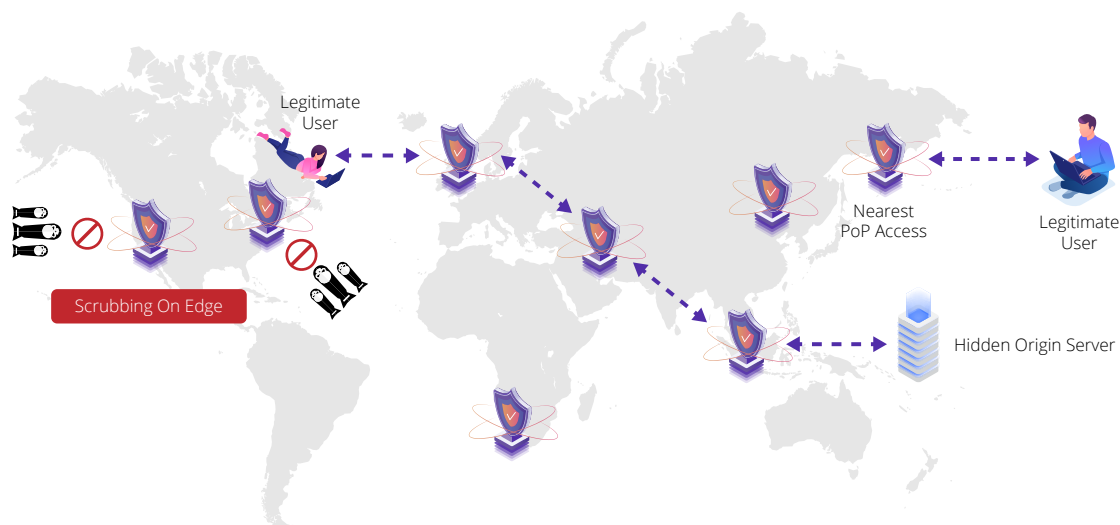
## Multiple Protocols

HTTP/HTTPS and TCP/UDP protocols are supported to meet different business types.

## Flexible Pricing

We provide flexible pricing models that are designed in accordance with your risk profile, allowing you to pay in the most effective way that suits your business's needs. There are unlimited mitigation and elastic mitigation plans that you can choose based on your budget.

Flood Shield, a cloud-based solution with virtually unlimited capacity, is deployed on CDNetworks' globally distributed PoPs to protect your business at the edge.



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