CDNetworks

Bot Shield

Cloud-based Comprehensive Bot Mitigation and Management Solution

Bot Shield is a cloud-based comprehensive bot management solution that keeps bots from hijacking your web assets. It enables you to distinguish between legitimate human traffic and bot traffic easily, and then again between good bots and malicious bots. It is designed to protect against automated attacks, threats, fraud and avoid abuse of resources by eliminating malicious bots effectively, all without disrupting the user experience of legitimate human users.

Eliminate Bad Bots

Strengthen security by identifying/eliminating bad bots

Fight Fraud & Abuse

Protect digital assets by validating legitimate end-user behaviors

Prioritize Traffic

Create better end-user experiences by prioritizing authorized traffic

Application Scenarios

Content Scraping | Ticket Scalping | Brute Force & Account Takeover

Credit Card Stuffing | Fraudulent Registrations | Inventory Hoarding

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Features

Bot Intelligence
Recognize and remember good bots and allow them to access. Control access by multiple dimensions, such as IP, User-Agent to meet various scenarios.

Bot Detection
Detect bots effectively through captcha challenge, fingerprint analysis, human behavior detection, JS/Cookie feature verification, etc.

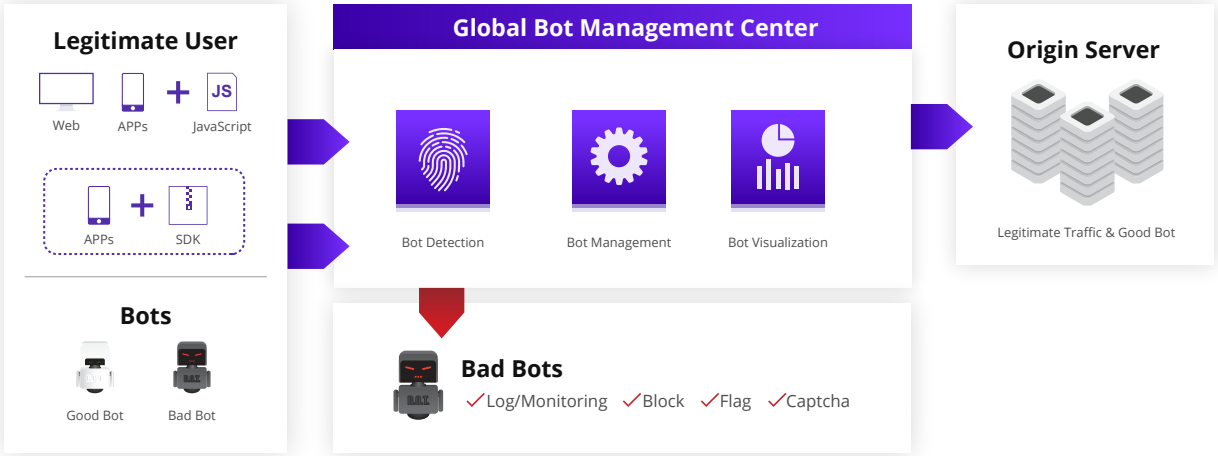
Advanced Rate Limiting
Limit access rates by IP, URI, HTTP header, or any combination of these parameters offer website and API protection against repeated requests.

AI Protection
Use the Artificial Intelligence tech and machine learning to learn the access baseline of normal users, and automatically set the security policies to block the attacks.

Mobile App Protection
With the SDK, Bot Shield can determine whether a request comes from a legitimate client by verifying the validity of the token and effectively secure mobile apps.

Customized Attack Models
Analyze the behaviors of normal users, detect the abnormal behaviors, and take actions.

How It Works



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