

Security rules

Secure your domain with security actions that run on incoming requests. Configure both Cloudflare's managed rules and your own custom security rules.

Documentation + Create rule

Security rules DDoS protection Search by id or rule name Show all rule types Show all

Custom rules 1/5 rules							Create rule
Order	Name	Description	Action	CSR ⓘ	Events ⓘ	Status	
⋮ 1	Challenge High Threat Score	Known Bots does not equal true	Managed Challenge	0.61%	 494	Active	...
							Go to detection settings ↗

Rate limiting rules 1/1 rules ⚠							Upgrade plan
Order	Name	Description	Action	CSR ⓘ	Events ⓘ	Status	
⋮ 1	Login Attempt Rate Limit	URI Path contains /cdn-cgi/access/login	Block	-	0	Active	...
							Go to web application exploits settings ↗

Managed rules							Upgrade plan
No Managed rules created							
							Go to web application exploits settings ↗

Edit custom rule

Protect your website and API from malicious traffic with custom rules. Configure mitigation criteria and actions, or explore templates, for better security.

Rule name

Challenge High Threat Score

Give your rule a descriptive name.

When incoming requests match...

Field	Operator	Value
Known Bots	equals	☒ ☐

And Or

Expression Preview [Edit expression](#)

(not cf.client.bot)

19 / 4000 characters

Historical preview unavailable for field: Known Bots

Then take action...

Choose action

Managed Challenge

Presents an interactive or non-interactive challenge to the client

Execution order

Rules are evaluated sequentially in order. The position you choose determines at which point in this sequence your rule will evaluate the traffic.

Select order:

First

Status

Controls whether the rule actively evaluates incoming traffic

- ☐ Disabled
- ☒ Active

Save with API call

Edit rate limiting rule 🔗

Protect your website and API from malicious traffic with rate limiting rules. Configure mitigation criteria and actions for better security.

Rule name

Login Attempt Rate Limit

Give your rule a descriptive name.

When incoming requests match...

Field	Operator	Value	
URI Path	contains	/cdn-cgi/access/login	And Or
e.g. /content			

Expression Preview

[Edit expression](#)

(http.request.uri.path contains "/cdn-cgi/access/login")

56 / 4000 characters

Total requests matched

0

0.0% of all traffic - Last 24 hours

With the same characteristics...

IP

When rate exceeds...

Requests	Period
3	10 seconds

Historical preview is only available for 1-minute, 5-minute, and 1-hour periods

Then take action...

Choose action

Block

Blocks matching requests and stops evaluating other rules

For duration...

Duration

10 seconds

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Documentation

Security rules DDoS protection

Network-layer and SSL/TLS DDoS attack protection

Rulesets managed by Cloudflare that automatically mitigates SSL/TLS-based and Network-layer DDoS attacks. Only Magic Transit and Spectrum customers on an Enterprise plan can create overrides for these rulesets.

DDoS Mitigation 2 active			
Order	Name	Description	Status
1	SSL/TLS DDoS attack protection	Automatic mitigation of SSL/TLS based DDoS attacks and encryption-based attacks such as DDoS attacks, SSL exhaustion floods, and SSL negotiation attacks.	Active
2	Network-layer DDoS attack protection	Automatic mitigation of network-layer DDoS attacks such as ACK floods, SYN-ACK amplification attacks, UDP attacks, ICMP attacks and DDoS attacks launched by botnets such as Mirai.	Active

HTTP DDoS attack protection

Ruleset managed by Cloudflare that automatically mitigates HTTP-based DDoS attacks. HTTP DDoS attack protection is always enabled. To customize the ruleset behavior, create a DDoS override.

DDoS override	Create override
No DDoS override created	