



Harnessing Global Threat Intelligence to Stay Ahead of the Game

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For threat intelligence to be useful, it must be...

Accurate Actionable Automated





Our global network provides the broadest real-time threat intelligence



HTTP requests served per second

~20%

of the Web runs on Cloudflare

30%

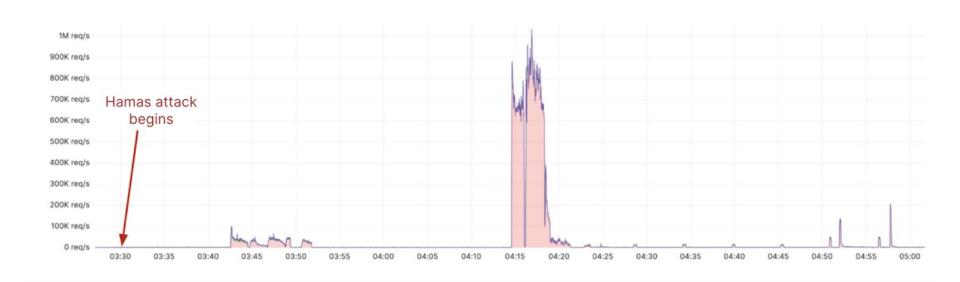
of the Fortune 1000 use Cloudflare

136B

cyber threats blocked every day

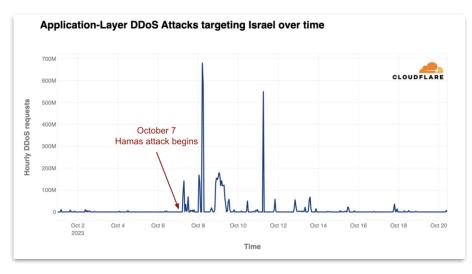


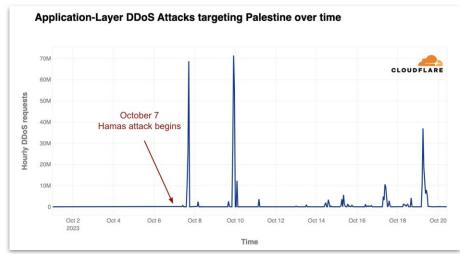
DDoS attacks against Israeli assets





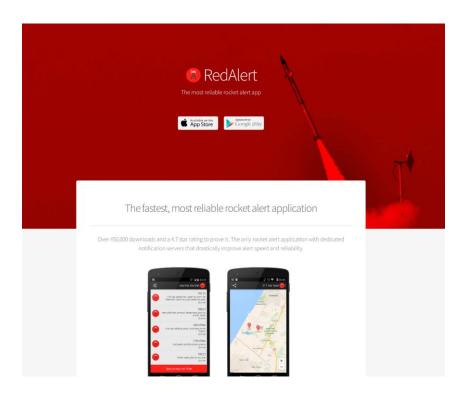
Cyber attacks in the Israel-Hamas war







"RedAlert - Rocket Alerts" Malware





Australian universities, hospitals and airports are targeted





Bot Detections



What's in a fingerprint?

"type": "clientHelloFingerprint", "value":

"03030058130213031301c02cc030c02bc02fcca9cca800a3009f00a2009ec caac0afc0adc024c028c0a3c09f00b006a00390038c0aec0acc023c027c0b 2c09e0067004000330032009d009cc0a1c09dc00c09c003d003c003500ff 0100000000b000403000102000a000c000a001d0017001e0019001800230 0160017000d0030002e0403050306030807080809080a080b08040805 0806040105010601030302030301020103020202040205020602002b002d 00330015",

"https://github.com/Anorov/cloudflare-scrape/releases/tag/2.0.4",

The field order is as follows:

TLSVersion, Ciphers, Extensions, Elliptic Curves, Elliptic Curve Point Formats Example:

769,47–53–5–10–49161–49162–49171–49172–50–56–19–4,0–10–11,23–24–25,0

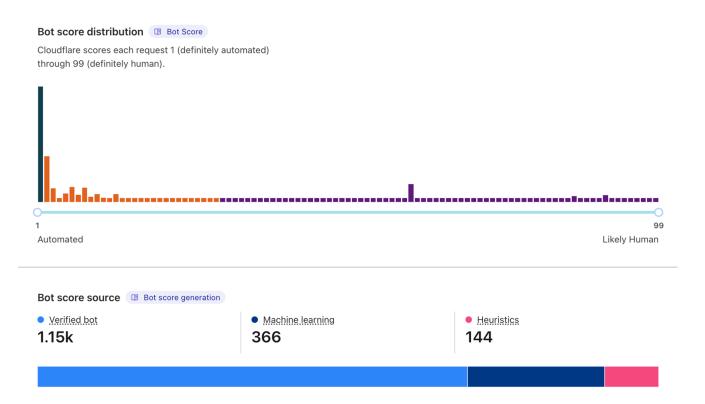
```
▼ TLSv1.2 Record Layer: Handshake Protocol: Client Hello
      Content Type: Handshake (22)
      Version: TLS 1.0 (0x0301)
      Length: 224
    ▼ Handshake Protocol: Client Hello
         Handshake Type: Client Hello (1)
         Length: 220
         Version: TLS 1.2 (0x0303) ◀
       ▶ Random
         Session ID Length: 0
         Cipher Suites Length: 38
       ► Cipher Suites (19 suites) ←
         Compression Methods Length: 1
       ▶ Compression Methods (1 method)
         Extensions Length: 141
      ▶ Extension: server_name
      ▶ Extension: elliptic_curves ◀──
      ▶ Extension: ec point formats ◀
      ▶ Extension: signature algorithms
      ▶ Extension: next_protocol_negotiation
      ▶ Extension: Application Layer Protocol Negotiation
      ▶ Extension: status request
      ▶ Extension: signed_certificate_timestamp
       ▶ Extension: Extended Master Secret
     1a e1 15 00 00 26 00 ff c0 2c c0 2b c0 24 c0 23
     c0 0a c0 09 c0 30 c0 2f c0 28 c0 27 c0 14 c0 13
                                                      ....=.< .5./....
                                                      ...... .clients
     31 2e 67 6f 6f 67 6c 65 2e 63 6f 6d 00 0a 00 08
00b0 00 06 00 17 00 18 00 19 00 0b 00 02 01 00 00 0d
                                                      ...... . ......
00c0 00 12 00 10 04 01 02 01 05 01 06 01 04 03 02 03
```







Making intel actionable...





Phishing is alive and well

91%

32%

Of cyberattacks start with a phish

Of all successful breaches involve the use of phishing



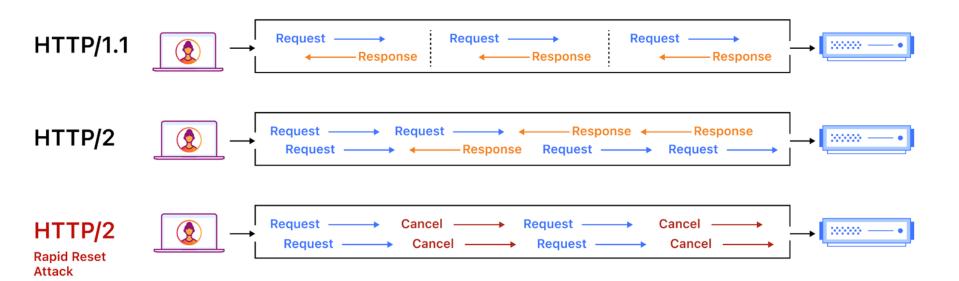
It happens to us too...





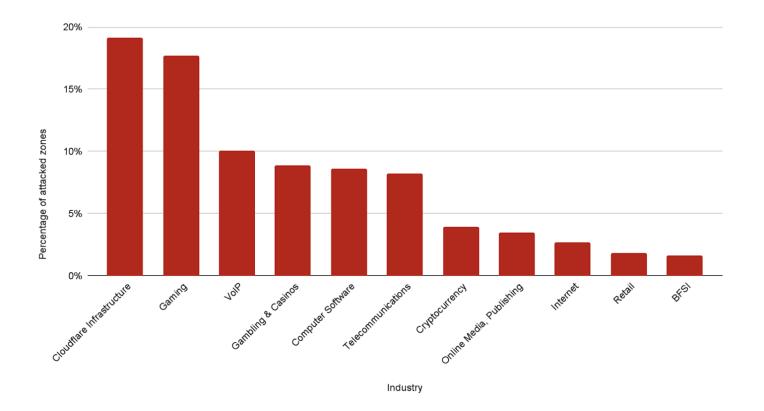


HTTP/2 Rapid Reset attack exploit



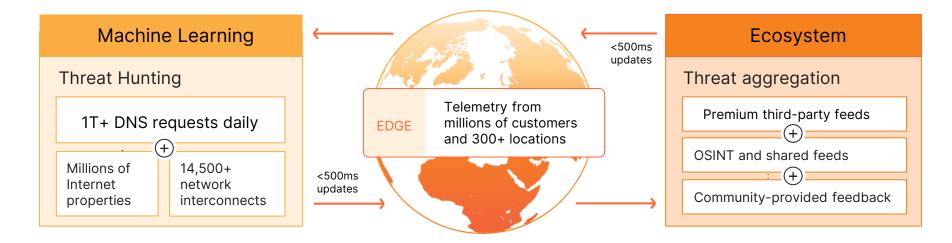


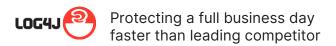
Cloudflare was the main target of the campaign





Threat Intelligence: Comprehensive coverage against Internet-borne threats



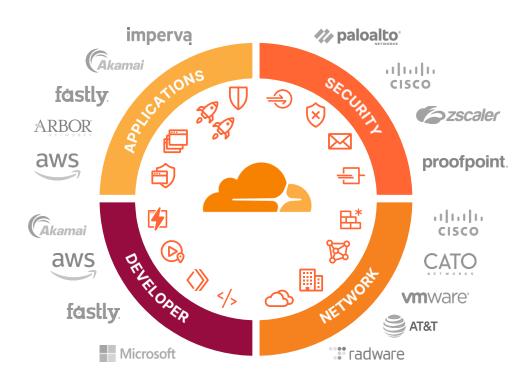




Protections in place in 30 minutes; attacks began in 3.5 hours



Our platform consolidates critical functions via a single, easy-to-use Ul





Cloudflare is the only composable, Internet-native platform...

...that delivers local capabilities with global scale.



310+

cities in 120+ countries, including mainland China

120 +

Al inference locations powered by GPUs

14,500

networks directly connect to Cloudflare, including every major ISP, cloud provider, and enterprise

248 Tbps

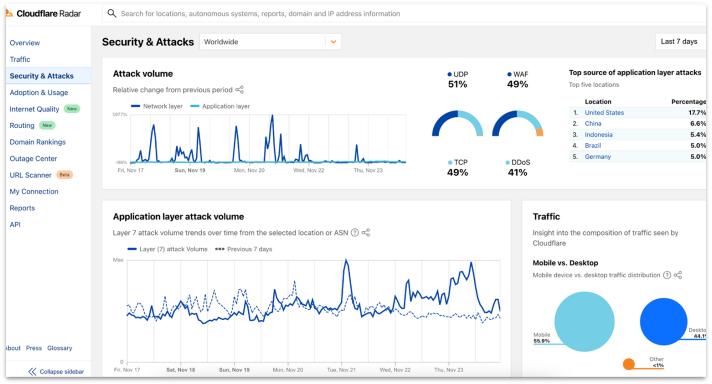
global network edge capacity, consisting of transit connections, peering and private network interconnects

~50 ms

from 95% of the world's Internetconnected population



Dive in Deeper with Cloudflare Radar



https://radar.cloudflare.com/security-and-attacks





Thank You

