

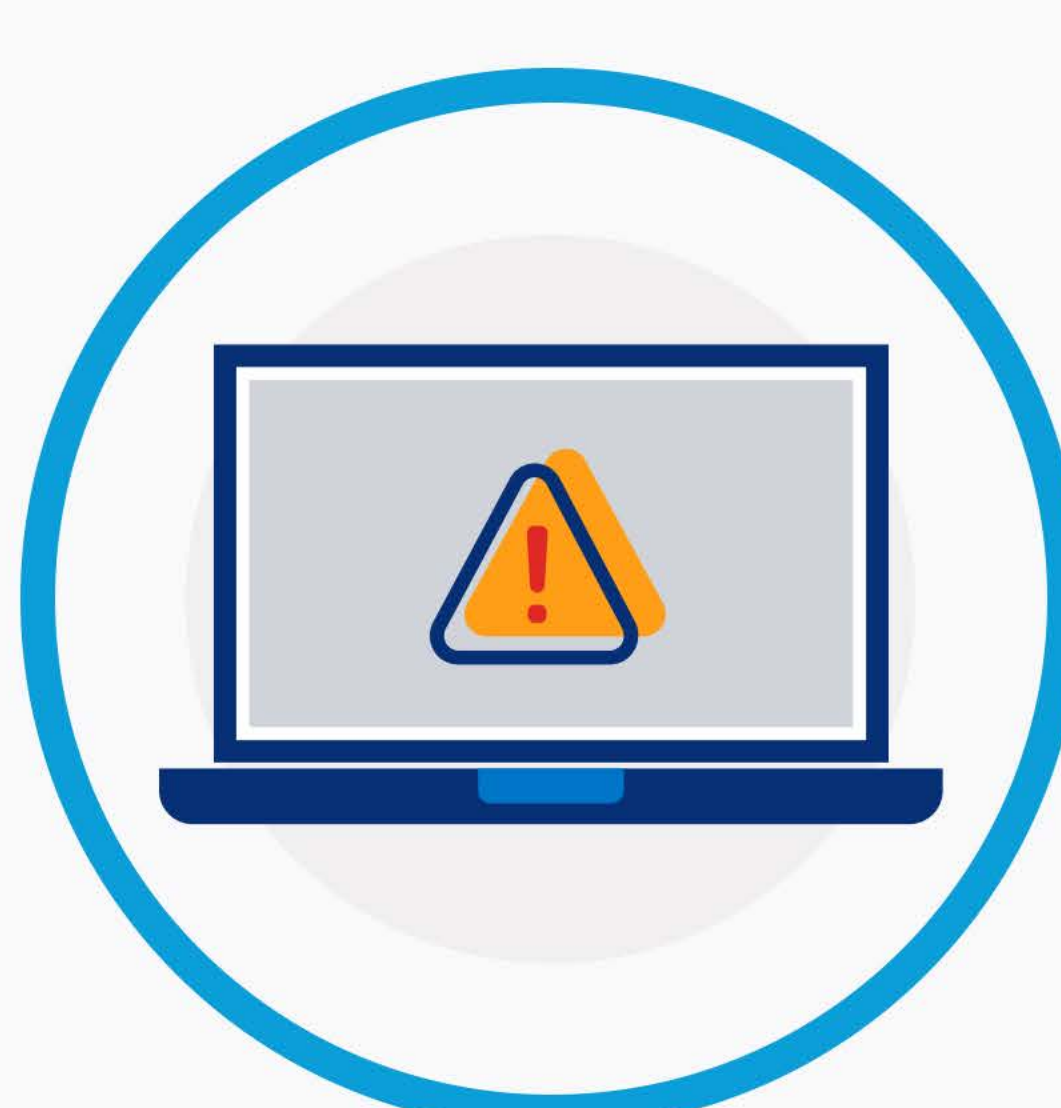
Q1 2021 DDoS Attack Trends

Well-known IoT botnets like Gafgyt and Mirai remain serious DDoS threats

Unique C2s tracked

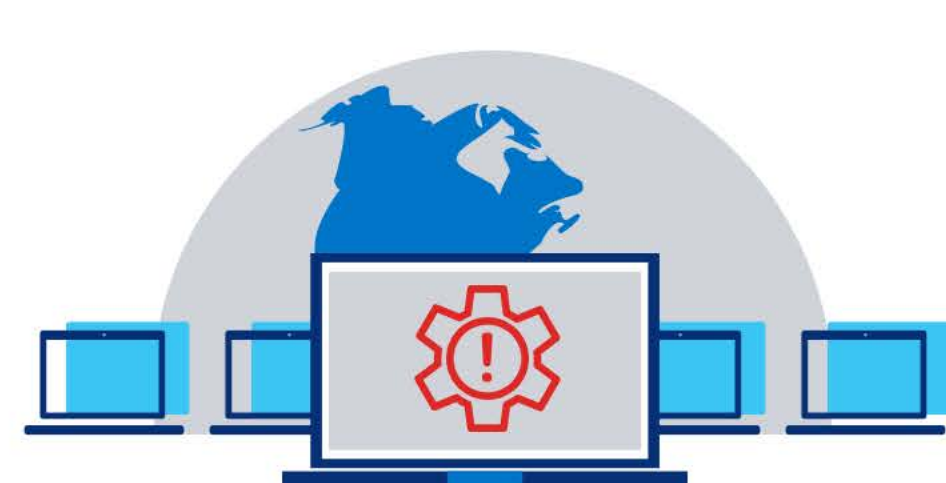
Unique attack victims per family

Average lifespan of a C2 (in Days)



	Unique C2s tracked	Unique attack victims per family	Average lifespan of a C2 (in Days)
Gafgyt	451	2,870	21
Mirai	249	25,240	10

DDoS threats are pervasive, with hotspots spread around the world



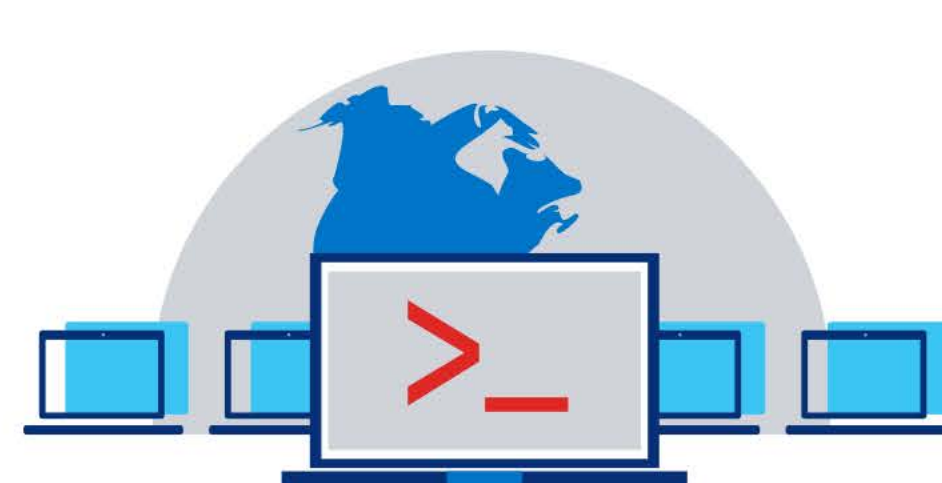
C2s

Total:

~3,000

Top 3 countries:

- Serbia - 1,260
- United States - 380
- China - 373



C2s issuing attack commands

Total:

400+

Top 3 countries:

- United States - 163
- The Netherlands - 73
- Germany - 70



DDoS botnet hosts

Total:

166,000+

Top 3 countries:

- United States - 41,752
- Iraq - 23,647
- Turkey - 12,921

Q1 2021 DDoS attack stats

Longest DDoS attack period Lumen mitigated



13
days

19
hours

4
minutes

31
seconds

Nearly **60%** of DDoS attack periods lasted

<1
hour

but nearly **20%** of DDoS attack periods lasted

>24
hours

The largest volumetric attack Lumen scrubbed



268 Gbps

The largest packet throughput attack Lumen scrubbed



26 Mpps

Multi-vector attacks represented **41%** of all DDoS attacks



The most common combination of mitigation types addressed **DNS traffic paired with TCP SYN.**



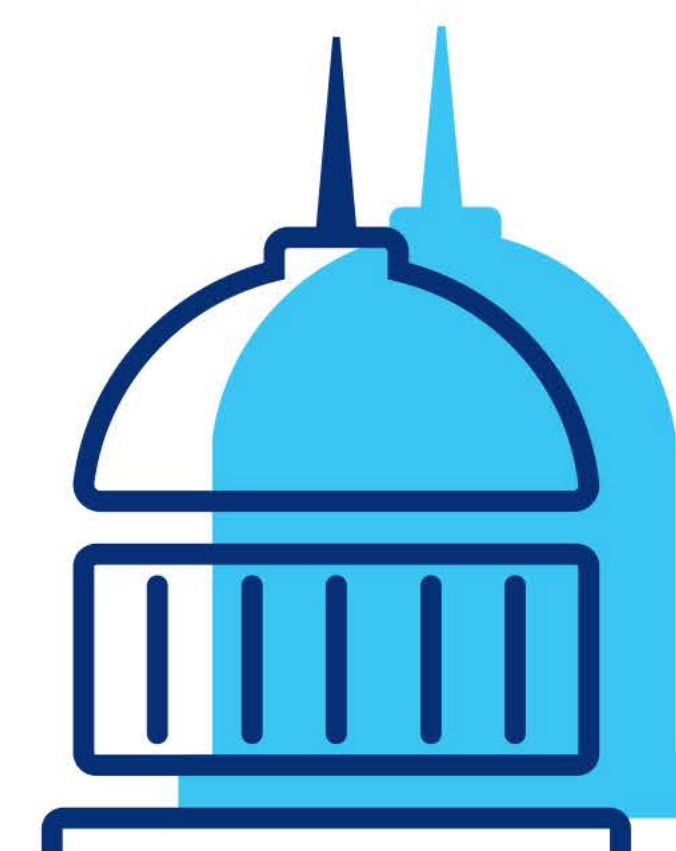
Top 3 verticals targeted in the 500 largest attacks



Finance



Software & Technology



Government

Learn more about the DDoS attacks that shaped the world last quarter from Lumen and Black Lotus Labs®.

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