



DDOS-GUARD

Analytical Report on DDoS Attacks for 2022

Analytical Report for 2022

Millions of DDoS attacks, their aggressive nature, and ever-changing vectors are the key trends of 2022. See our [blog](#) for extensive comments on the trends and projections for 2023.

Layer 3-4 Attacks

171 275

Total number
of attacks for 2022

452

Average number
of attacks per day

19

Average number
of attacks per hour

Layer 7 Attacks

1 084 298

Total number
of attacks for 2022

2 995

Average number
of attacks per day

125

Average number
of attacks per hour

Distribution of Attacks by Industry

51 842
Mass Media (22,1%)

44 303
Arts & Entertainment (18,9%)

27 676
Finance (11,8%)

20 766
Law & Government (8,8%)

20 775
Business & Industrial (8,8%)

20 067
Jobs & Education (8,5%)

15 833
Computers & Electronics (6,7%)

13 189
Internet & Telecom (5,6%)

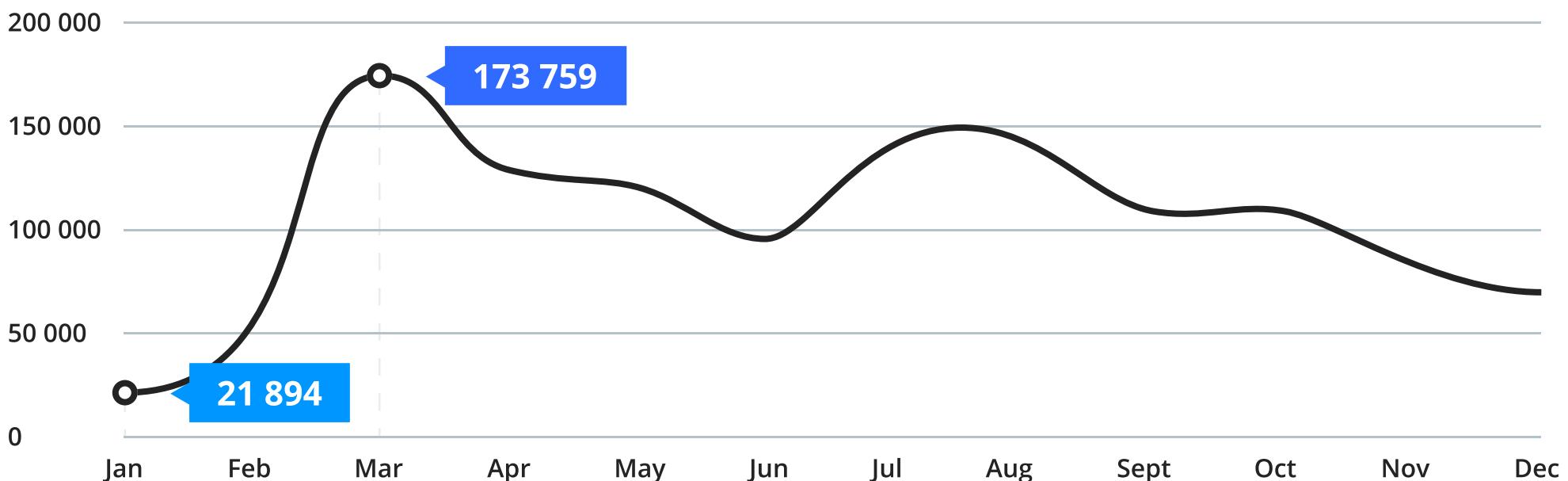
12 695
Games (5,4%)

7 709
Shopping (3,3%)

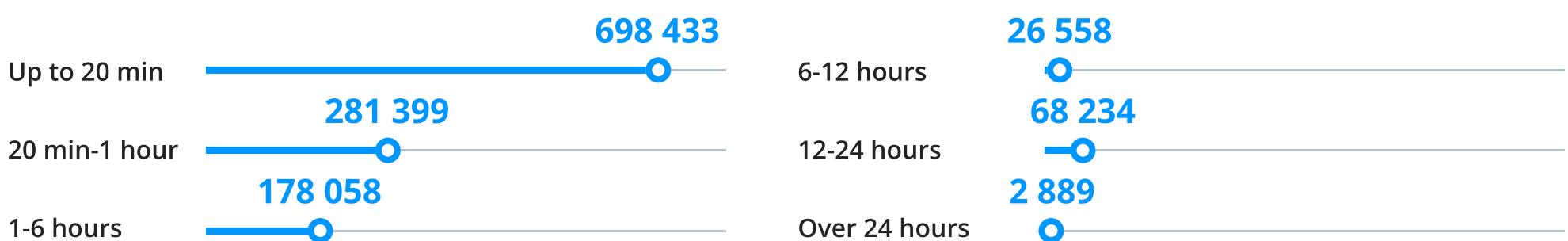


Distribution of Attacks by Month

In March, DDoS attacks were at their peak. As it came clear throughout the year, we should expect no return to the levels seen in 2021 and earlier. DDoS attacks are now the norm, which we must accept and for which reliable protection is essential.



Duration and Quantity of Attacks



Layer 3-4 Statistics

34 245

Total duration by UDP protocol, hours

34 766

Total duration by TCP protocol, hours

90

Median duration, by min

Layer 7 Statistics

13

Median number of requests per second

4 743

Median number of requests

19

Median duration, by min

2022 vs 2021

In 2022, we detected a new internal record: the longest DDoS attack lasted 68 days, compared to 52 days in 2021. Though, the overall trend has been as follows: short-duration attacks have become more common, with the total number increasing by 700%.

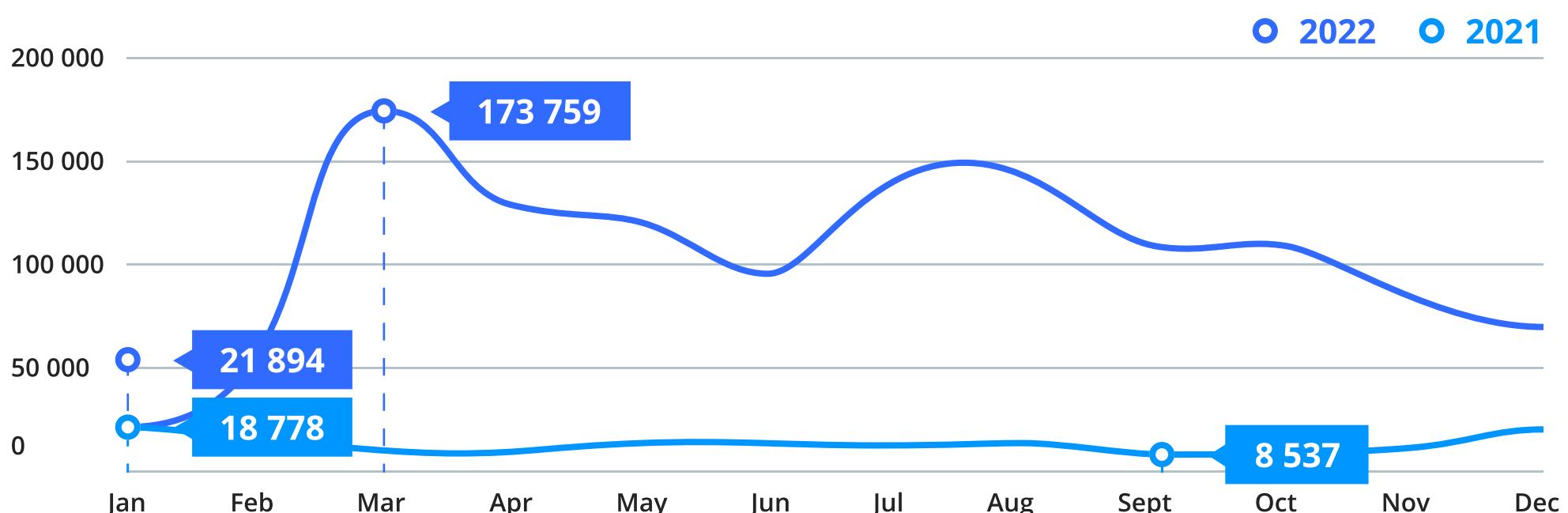
1 255 573

Total number of attacks
for 2022

147 176

Total number of attacks
for 2021

Distribution of Attacks by Month



Distribution of Attacks by Industry

In 2021, attacks mostly targeted Arts & Entertainment sites.

However, hackers got focused on the mass media afterwards.

Attacks on other industries have increased by a factor of 5-6.

2 100%

Increase in the number
of attacks on Finance
websites

5 612%

Increase in the number
of attacks on Law
& Government websites
— 20,700 incidents
vs. 370 in 2021

7 761%

The number of attacks
on Mass Media has
increased by 76 times,
with 51,000 DDoS
attacks compared
to 670 in 2021

We Ensure Non-Stop Services

DDoS-Guard protects over 350,000 projects from various industries, including Media, Telecommunications, Finance, and Government. All recorded attacks were successfully mitigated by DDoS-Guard software.

Benefits



Geo-distributed traffic scrubbing network all over the globe



Proprietary developments for traffic analysis and scrubbing



Clear pricing policy without additional charging for attacks



Detailed traffic statistics in the Client Area

Our primary focus is on the smooth functioning of customer resources. That is why we develop the traffic processing network based on the requirements for maximum reliability of the entire system. This results in fault tolerance close to 100%.

We are Trusted by



LitRes:



CITIC TELECOM CPC



Social Media



[ddos_guard](#)



[ddos-guard](#)

Specialist Advice



info@ddos-guard.net