

DDoS attack figures from the **third quarter 2023**

The Dutch National Scrubbing Center (NaWas) protects participants against DDoS attacks. Besides protection, NaWas offers valuable insights about the changing landscape of DDoS.

To better combat these malicious attacks, we share our up-to-date knowledge with interested parties. Together we stand strong against DDoS attacks. Below you'll find some of the most important figures of DDoS attacks from the third quarter of 2023.



Number of attacks:

505



Average number of attacks per day:

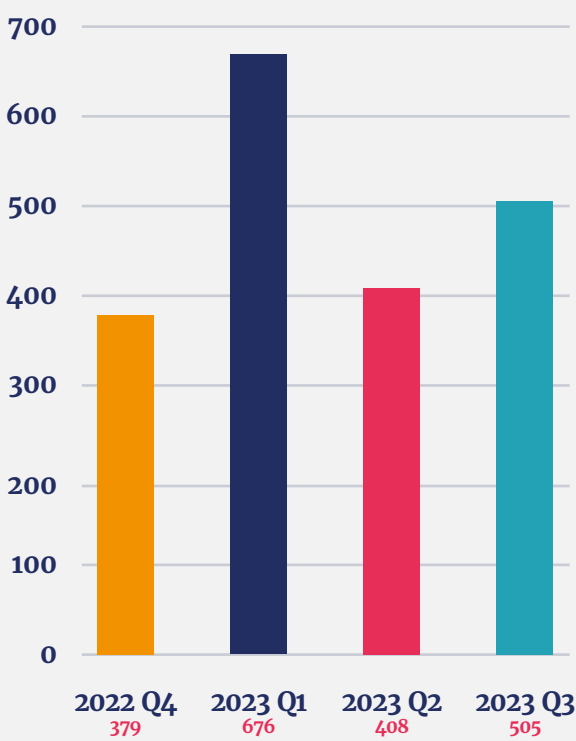
5.5



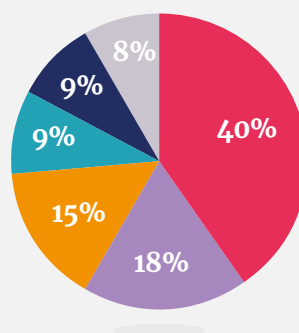
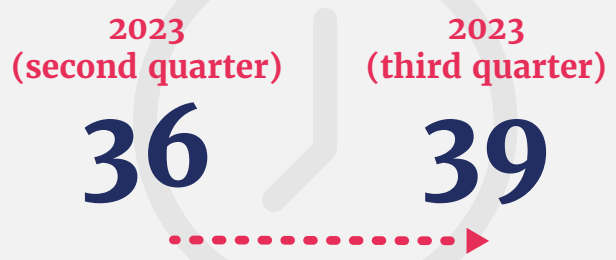
Maximum attack size:

213 Gbps

Number of attacks



Prolonged attacks >4 hours

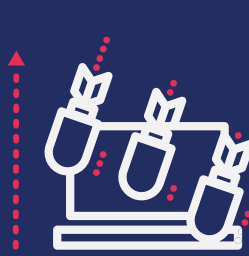


- DNS amplification
- TCP flag attack
- NTP amplification
- WS-Discovery amplification
- LDAP amplification
- Memcached amplification

Trends



Increase in new attack types, such as Rapid Reset Attack



Significantly more small-scale attacks (1-10 Gbps) than in Q2



Noticeable rise in attacks with a high PPS (parts per second in millions)

Despite a slight decrease in the number of DDoS attacks in Q3 compared to Q2 (maybe hackers went on vacation?), the threat landscape remains grim. Newer attack types like **HTTP/2 Rapid Reset Attack** and **DDoS Tsunami** are becoming more prevalent.

Mitigating such attacks now takes more time and heavily relies on **behavioral-based** traffic analysis. An additional line of defense is implementing **"rate limiting"** methods.

In the geopolitical arena, there has been significant activity. **Pro-Hamas actors** have frequently targeted Israeli entities, mostly government websites, and proudly claimed their successes on platforms like Telegram. Concerningly, there's a rising number of attacks from previously less active 'friendly' ideological groups, including **Russian hacktivist** groups.

Want to learn more about NaWas DDoS protection?
Visit our website at nbip.nl/en/nawas