

# DDoS attack statistics in the **fourth quarter** 2024

The Dutch National Scrubbing Center (NaWas) protects participants from DDoS attacks.

The NaWas simultaneously provides insight into the changing trends in DDoS.

NBIP shares this knowledge so we can be stronger together in the fight against DDoS attacks. Below are the key figures and brief guidance on DDoS attacks in the fourth quarter of 2024 observed in the NaWas.



Number of attacks:

**270**



Average number of attacks per day:

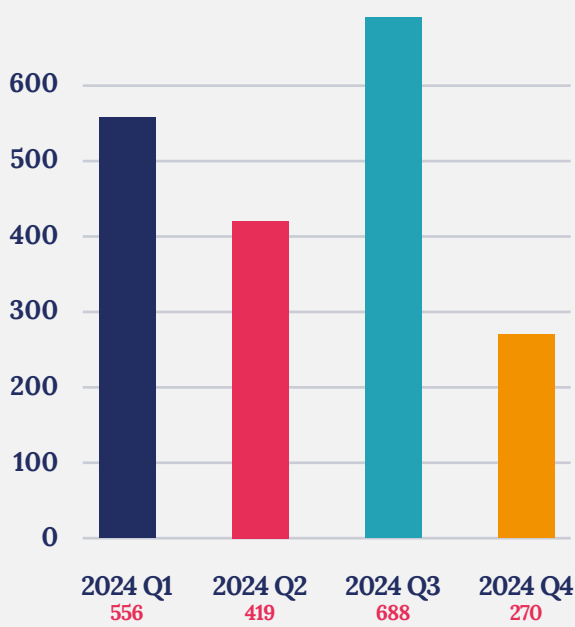
**2,9**



Maximum attack size:

**138 Gbps**

Number of attacks



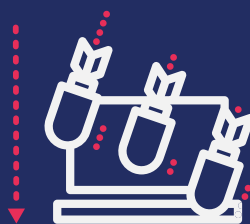
Top 5 attacks

01. DNS Amplification
02. ICMP invalid Flood
03. IP low TTL Flood
04. HTTPs request Flood
05. DNS Request Flood

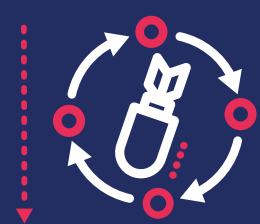
## Trends



Application layer attacks on the rise



Remarkable decrease in attacks compared to Q4 2023



Prolonged attacks more rare

**DNS Amplification** remain the top attack vector, we often observe **large floods** of DNS Response traffic sourcing from **Open DNS Resolvers** often reflecting ANY responses from the sl. name space which has a significant reflection vector.

We are still persistently observing the DNS request flood attack variant where **UDP DNS packets have their source and destination ports set to 53** requesting the ANY record type for the name sl.

We often observed **Application layer floods of HTTPs or DNS requests** targeting customer's application infrastructure web and DNS servers.