



1 in 10 online gambling businesses was attacked in the last week.



3 out of 4 online gambling businesses are attacked more than once.



\$33.6

\$50

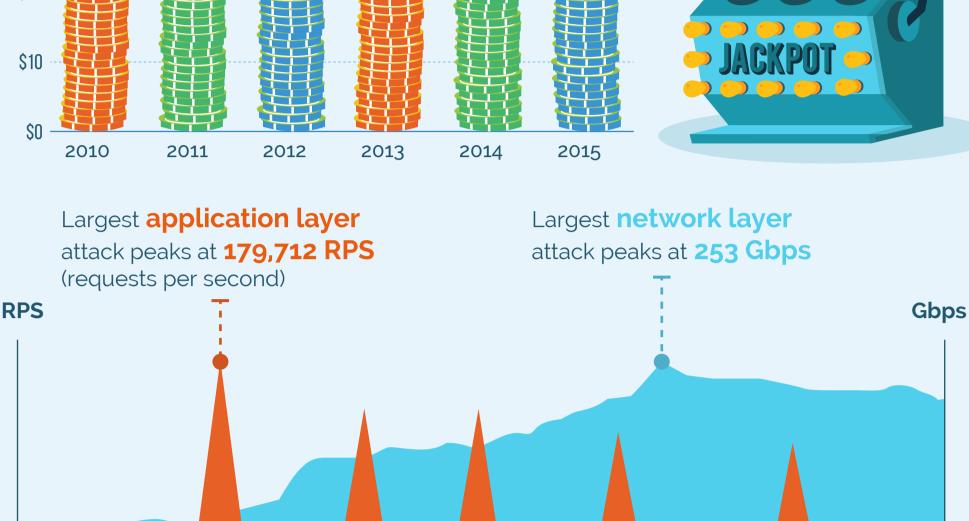
\$40

\$30

\$20

\$30.3





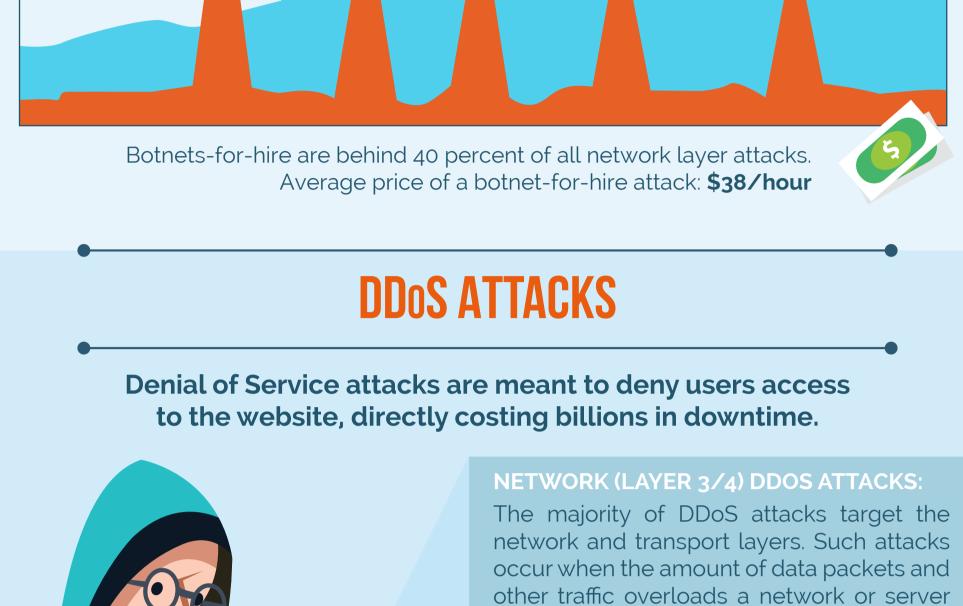
9 out of 10 online gambling

in the last 12 months.

\$37.6

\$35.8

businesses have been attacked



application, bringing it to its knees. Such attacks mimic legitimate user traffic, making them harder to detect.

"HIT AND RUN" ATTACKS ARE EVER PERSISTENT

and consumes all of its available resources.

APPLICATION (LAYER 7) DDOS ATTACKS:

Breach or vulnerability in a web application.

By exploiting it, the perpetrators overwhelm the server or database powering a web

What Are "Hit and Run" Attacks? As their name suggests, hit and run attacks consist of short packet bursts at random intervals over a long period of time. What makes these threats different from other DDoS attacks is that they can last for days or even weeks. Also, unlike other attacks, they are not continuous and are designed to specifically exploit slow-reacting anti-DDoS solutions. Despite the sophistication of other kinds of DDoS threats, hit and run attacks

continue to be popular because of their low

cost and ease of deployment.

heavily on its website

Latest Trends

Hit and run attacks typically last

After causing some collateral

Force users to signup

with competitors as

an alternative

Cause users to lose

20 - 60 minutes in duration.

damage to a target server, hit and run attacks usually occur again after another 12 – 48 hours. Traditional DDoS prevention solutions, such as GRE tunneling and DNS rerouting, have become ineffective in dealing with these types of attacks.

DDoS is a type of cyber attack which can:

WHAT IS DDoS?

DDoS attack may sound complicated, but it is actually quite easy to understand. A

common approach is to "swarm" a target server with thousands of communication

requests originating from multiple machines. In this way the server is completely

overwhelmed and cannot respond anymore to legitimate user requests. Another

approach is to obstruct the network connections between users and the target server,

thus blocking all communication between the two—much like clogging a pipe so that no

water can flow through. Attacking machines are often geographically-distributed and use many different internet connections, thereby making it very difficult to control the attacks.

This can have extremely negative consequences for businesses, especially those that rely

trust in the service Culminate in a massive loss of revenue Slow down a

NETWORK LAYER ATTACK TRENDS

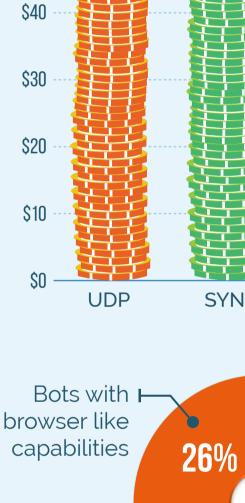
21.2%

Cause the loss of

sensitive data in a real

time situation like

gambling rooms



website's response

56.7%

50.7%

On an average, a target is hit at least once a week.

18.4%

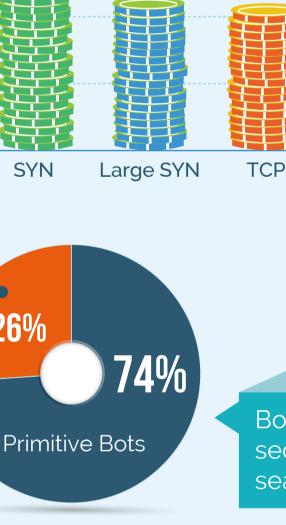
26.4%

MrBlack

17% of targets are hit more than 5 times.

\$60

\$50

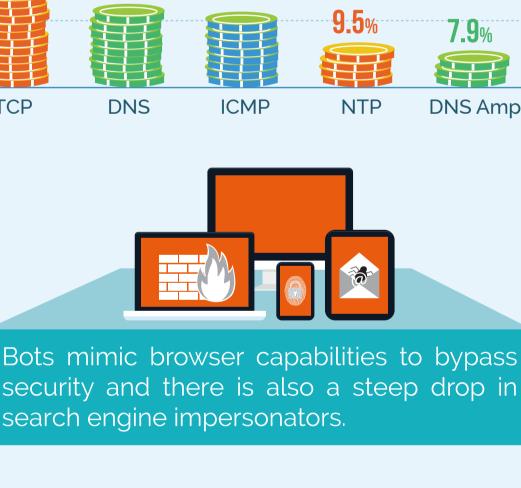


22.0%

Often time cripple the

website to the point of

being inaccessible



10.4%

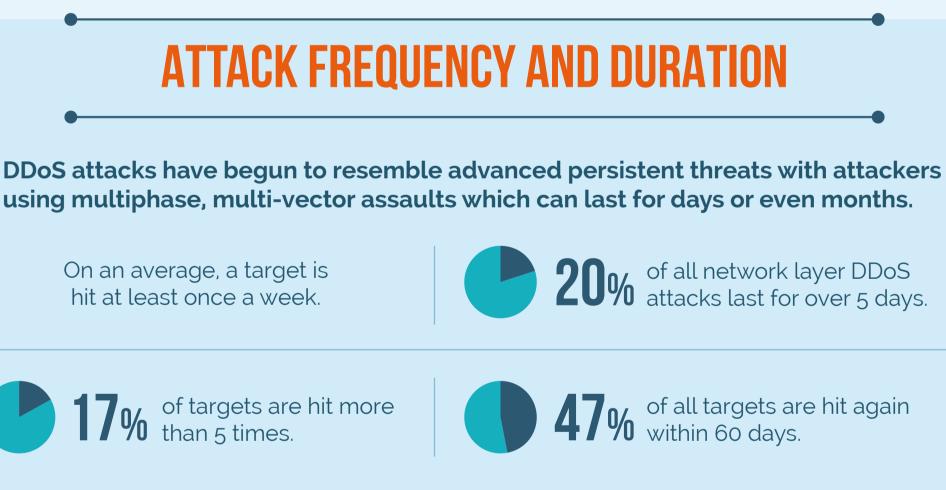
9.5%

NTP

7.9%

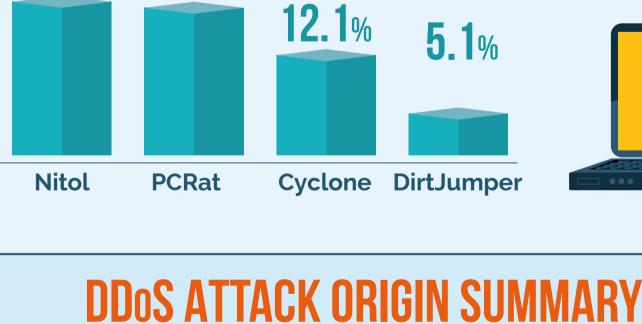
DNS Amp.

12.3%



14.9%

China



17.7%

DEADLIEST BOTNETS

Out of the global total of DDoS attacks documented every

year, as much as 56% of bot traffic can be traced back to

8.1%

Thailand

Vietnam

China, United States, Brazil, Thailand and Vietnam.



9.7%

9.5%

United States



→ 2714 application layer attacks

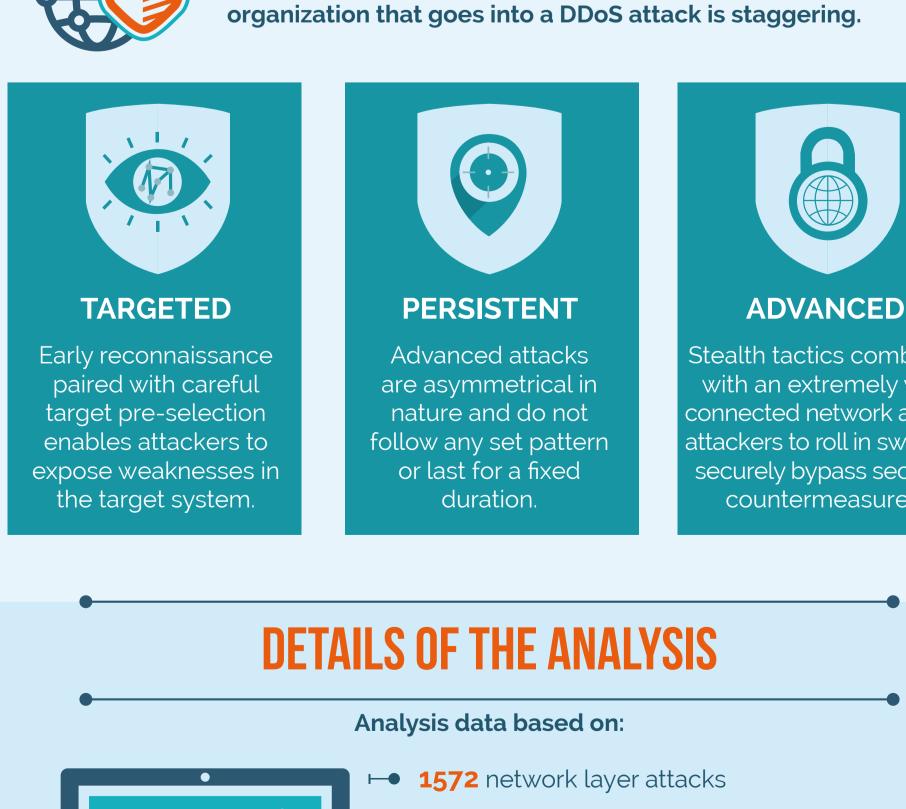
Time Perid: March 1st to May 7th, 2015

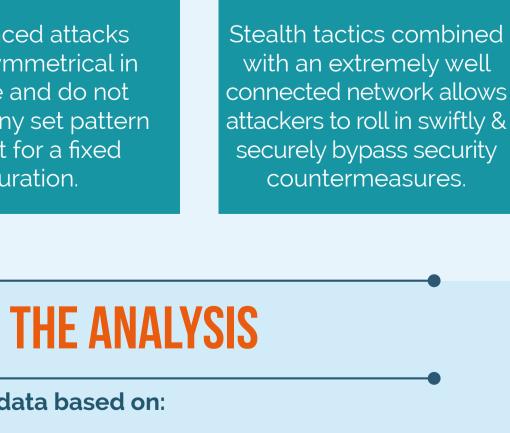
of online gaming is real time in nature



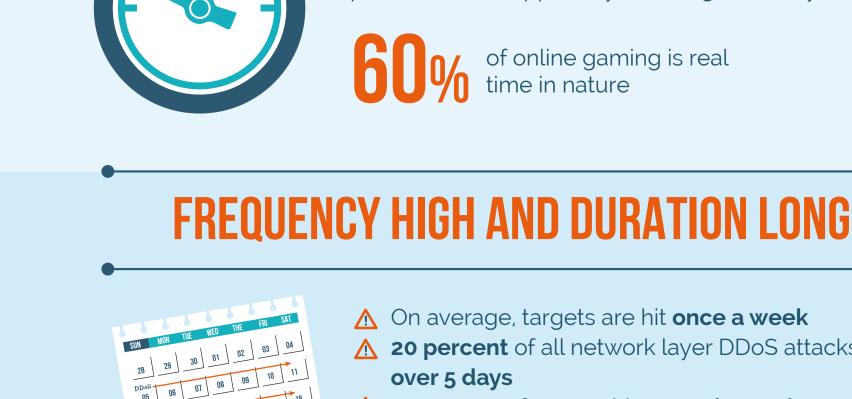
Latency means loss Online gaming, including sports betting and poker, can be crippled by even slight latency.

> ⚠ On average, targets are hit once a week **20 percent** of all network layer DDoS attacks last





We Secure Your Business



Sources:

Global Betting and Gambling Consultancy The Top 10 DDoS Attack Trends by Incapsula

Incapsula Enterprise for Gold Security

Every hour of unmitigated DDoS costs a business \$40,000. Persistent attacks entail losses of hundreds of thousands-if not millions.